

## ARG45936 anti-PDCD2 antibody

Package: 50 µg  
Store at: -20°C

### Summary

|                     |                                                                                                                                                      |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description | Rabbit Polyclonal antibody recognizes PDCD2                                                                                                          |
| Tested Reactivity   | Hu, Ms, Rat                                                                                                                                          |
| Tested Application  | FACS, ICC/IF, IP, WB                                                                                                                                 |
| Host                | Rabbit                                                                                                                                               |
| Clonality           | Polyclonal                                                                                                                                           |
| Isotype             | IgG                                                                                                                                                  |
| Target Name         | PDCD2                                                                                                                                                |
| Species             | Human                                                                                                                                                |
| Immunogen           | Recombinant protein containing to human PDCD2.                                                                                                       |
| Conjugation         | Un-conjugated                                                                                                                                        |
| Alternate Names     | Programmed Cell Death 2; PDCD2; RP8; ZMYND7; Programmed cell death protein 2; Zinc finger MYND domain-containing protein 7; Zinc finger protein Rp-8 |

### Application Instructions

| Application table | Application                                                                                                                                | Dilution                       |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
|                   | FACS                                                                                                                                       | 1 - 3 µg/10 <sup>6</sup> cells |
|                   | ICC/IF                                                                                                                                     | 5 µg/ml                        |
|                   | IP                                                                                                                                         | 0.5-2 µg/ml                    |
|                   | WB                                                                                                                                         | 0.25-0.5 µg/ml                 |
| Application Note  | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. |                                |
| Observed Size     | 39 kDa; 45 kDa                                                                                                                             |                                |

### Properties

|                     |                                                                                                                                                                                                                                                                                                                            |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form                | Liquid                                                                                                                                                                                                                                                                                                                     |
| Purification        | Affinity chromatography purified                                                                                                                                                                                                                                                                                           |
| Buffer              | 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.9% NaCl and 4% Trehalose.                                                                                                                                                                                                                                                        |
| Stabilizer          | 4% Trehalose                                                                                                                                                                                                                                                                                                               |
| Concentration       | 0.5 mg/ml                                                                                                                                                                                                                                                                                                                  |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -22°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |

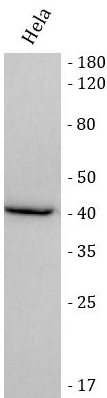
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

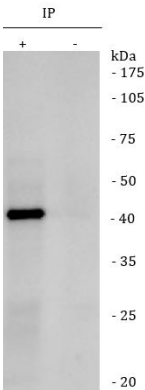
|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Symbol           | PDCD2                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Gene Full Name        | Programmed Cell Death 2                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Background            | This gene encodes a nuclear protein expressed in a variety of tissues. Expression of this gene has been shown to be repressed by B-cell CLL/lymphoma 6 (BCL6), a transcriptional repressor required for lymph node germinal center development, suggesting that BCL6 regulates apoptosis by its effects on this protein. Alternative splicing results in multiple transcript variants and pseudogenes have been identified on chromosomes 9 and 12. [provided by RefSeq, Dec 2010] |
| Function              | May be a DNA-binding protein with a regulatory function. May play an important role in cell death and/or in regulation of cell proliferation. [UniProt]                                                                                                                                                                                                                                                                                                                            |
| Calculated Mw         | 39 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| PTM                   | Ubl conjugation. [UniProt]                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Cellular Localization | Nucleus. [UniProt]                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

Images



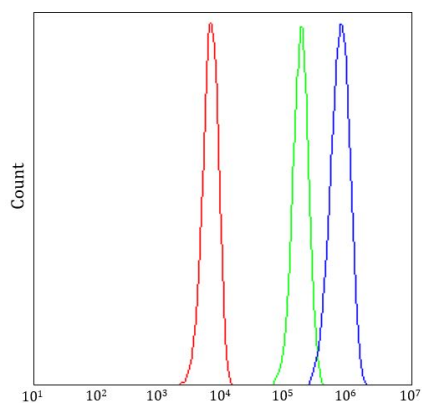
ARG45936 anti-PDCD2 antibody WB image

Western blot: HeLa stained with ARG45936 anti-PDCD2 antibody at 0.5 µg/ml dilution.



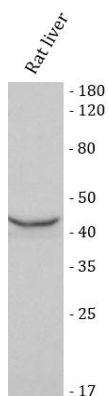
ARG45936 anti-PDCD2 antibody IP image

Immunoprecipitation: THP-1 lysate immunoprecipitated with 2 µg ARG45936 anti-PDCD2 antibody.



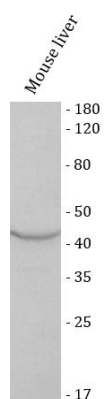
ARG45936 anti-PDCD2 antibody FACS image

Flow Cytometry: K562 stained with ARG45936 anti-PDCD2 antibody at 1  $\mu\text{g}/10^6$  cells dilution.



ARG45936 anti-PDCD2 antibody WB image

Western blot: Rat liver stained with ARG45936 anti-PDCD2 antibody at 0.5  $\mu\text{g}/\text{ml}$  dilution.



ARG45936 anti-PDCD2 antibody WB image

Western blot: Mouse liver stained with ARG45936 anti-PDCD2 antibody at 0.5  $\mu\text{g}/\text{ml}$  dilution.