

ARG41837 anti-FADD antibody

Package: 100 μl Store at: -20°C

Summary

| Product Description | Rabbit Polyclonal antibody recognizes FADD |
|---------------------|--|
| Tested Reactivity | Hu |
| Tested Application | FACS, ICC/IF, IHC-P, IP, WB |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | lgG |
| Target Name | FADD |
| Species | Human |
| Immunogen | Synthetic peptide of Human FADD. |
| Conjugation | Un-conjugated |
| Alternate Names | Mediator of receptor induced toxicity; MORT1; GIG3; FAS-associated death domain protein; Growth- inhibiting gene 3 protein; Protein FADD; FAS-associating death domain-containing protein |

Application Instructions

| Application table | Application | Dilution | |
|-------------------|--|----------------|--|
| | FACS | 1:50 | |
| | ICC/IF | 1:50 - 1:200 | |
| | IHC-P | 1:50 - 1:200 | |
| | IP | 1:50 | |
| | WB | 1:500 - 1:2000 | |
| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | | |
| Positive Control | A431 | | |
| Observed Size | ~ 25 kDa | | |

Properties

| Form | Liquid |
|--------------|---|
| Purification | Affinity purified. |
| Buffer | PBS (pH 7.4), 150 mM NaCl, 0.02% Sodium azide and 50% Glycerol. |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 50% Glycerol |

| 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 -20°C. 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 | FADD |
|----------------|---|
| Gene Full Name | Fas (TNFRSF6)-associated via death domain |
| Background | The protein encoded by this gene is an adaptor molecule that interacts with various cell surface receptors and mediates cell apoptotic signals. Through its C-terminal death domain, this protein can be recruited by TNFRSF6/Fas-receptor, tumor necrosis factor receptor, TNFRSF25, and TNFSF10/TRAIL-receptor, and thus it participates in the death signaling initiated by these receptors. Interaction of this protein with the receptors unmasks the N-terminal effector domain of this protein, which allows it to recruit caspase-8, and thereby activate the cysteine protease cascade. Knockout studies in mice also suggest the importance of this protein in early T cell development. [provided by RefSeq, Jul 2008] |
| Function | Apoptotic adaptor molecule that recruits caspase-8 or caspase-10 to the activated Fas (CD95) or TNFR-1 receptors. The resulting aggregate called the death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation. Active caspase-8 initiates the subsequent cascade of caspases mediating apoptosis. Involved in interferon-mediated antiviral immune response, playing a role in the positive regulation of interferon signaling. [UniProt] |
| Calculated Mw | 23 kDa |
| Images | |
| | - 72 ARG41837 anti-FADD antibody WB image |

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- 16 - 10

A431

Western blot: A431 cell lysate stained with ARG41837 anti-FADD antibody.