

ARG65034 anti-CD258 / LIGHT antibody

Package: 100 µg
Store at: -20°C

Summary

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|---------------------|---|
| Product Description | Goat Polyclonal antibody recognizes CD258 / LIGHT |
| Tested Reactivity | Hu |
| Tested Application | ICC/IF, WB |
| Specificity | This antibody is expected to recognize both reported isoforms (NP_003798.2; NP_742011.1). |
| Host | Goat |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | CD258 / LIGHT |
| Species | Human |
| Immunogen | C-HEVNPA AHLTGANS |
| Conjugation | Un-conjugated |
| Alternate Names | CD258; Herpes virus entry mediator ligand; HVEM-L; Herpesvirus entry mediator ligand; LTg; LIGHT; CD antigen CD258; TR2; Tumor necrosis factor ligand superfamily member 14 |

Application Instructions

| Application table | Application | Dilution |
|-------------------|--|------------------|
| | ICC/IF | 10 µg/ml |
| | WB | 0.03 - 0.1 µg/ml |
| Application Note | WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |

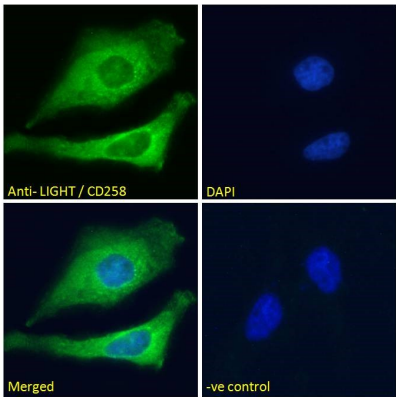
Properties

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|---------------------|--|
| Form | Liquid |
| Purification | Purified from goat serum by antigen affinity chromatography. |
| Buffer | Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA. |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 0.5% BSA |
| 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 -20°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. |

Bioinformation

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|----------------|--|
| Database links | GeneID: 8740 Human Swiss-port # O43557 Human |
| Gene Symbol | TNFSF14 |
| Gene Full Name | TNF superfamily member 14 |
| Background | The protein encoded by this gene is a member of the tumor necrosis factor (TNF) ligand family. This protein is a ligand for TNFRSF14, which is a member of the tumor necrosis factor receptor superfamily, and which is also known as a herpesvirus entry mediator (HVEM). This protein may function as a costimulatory factor for the activation of lymphoid cells and as a deterrent to infection by herpesvirus. This protein has been shown to stimulate the proliferation of T cells, and trigger apoptosis of various tumor cells. This protein is also reported to prevent tumor necrosis factor alpha mediated apoptosis in primary hepatocyte. Two alternatively spliced transcript variant encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008] |
| Function | Cytokine that binds to TNFRSF3/LTBR. Binding to the decoy receptor TNFRSF6B modulates its effects. Activates NFkB, stimulates the proliferation of T-cells, and inhibits growth of the adenocarcinoma HT-29. Acts as a receptor for Herpes simplex virus. [UniProt] |
| Research Area | Immune System antibody |
| Calculated Mw | 26 kDa |
| PTM | N-glycosylated. The soluble form of isoform 1 derives from the membrane form by proteolytic processing. |

Images



ARG65034 anti-CD258 / LIGHT antibody ICC/IF image

Immunofluorescence: Paraformaldehyde fixed HeLa cells permeabilized with 0.15% Triton. Cells were stained with ARG65034 anti-CD258 / LIGHT antibody (green) at 10 µg/ml dilution for 1 hour. DAPI (blue) for nuclear staining. Negative control: Unimmunized goat IgG (green) at 10 µg/ml dilution.



ARG65034 anti-CD258 / LIGHT antibody WB image

Western blot: 35 µg of Human cerebellum (A) and frontal cortex (B) lysates (in RIPA buffer) stained with ARG65034 anti-CD258 / LIGHT antibody at 0.03 µg/ml dilution and incubated at RT for 1 hour.