

ARG64718 anti-CD90 / Thy 1 antibody

Package: 100 µg
Store at: -20°C

Summary

| | |
|---------------------|--------------------------------------------------------------------------|
| Product Description | Goat Polyclonal antibody recognizes CD90 / Thy 1 |
| Tested Reactivity | Hu |
| Predict Reactivity | Dog, Pig |
| Tested Application | IHC-P, WB |
| Host | Goat |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | CD90 / Thy 1 |
| Species | Human |
| Immunogen | C-PEHTYRSRTNFTSKY |
| Conjugation | Un-conjugated |
| Alternate Names | Thy-1 membrane glycoprotein; Thy-1 antigen; CD antigen CD90; CDw90; CD90 |

Application Instructions

| | | |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Application table | Application | Dilution |
| | IHC-P | 3 - 5 µg/ml |
| | WB | 0.1 - 0.3 µg/ml |
| Application Note | WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |

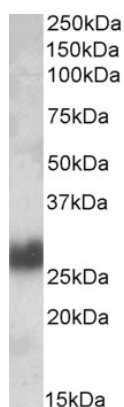
Properties

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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

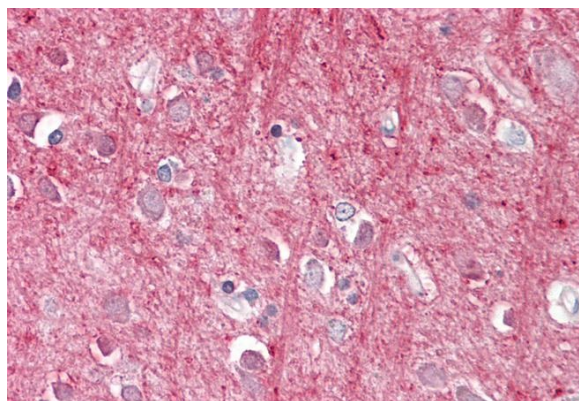
| | |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Database links | GeneID: 7070 Human Swiss-port # P04216 Human |
| Gene Symbol | THY1 |
| Gene Full Name | Thy-1 cell surface antigen |
| Background | This gene encodes a cell surface glycoprotein and member of the immunoglobulin superfamily of proteins. The encoded protein is involved in cell adhesion and cell communication in numerous cell types, but particularly in cells of the immune and nervous systems. The encoded protein is widely used as a marker for hematopoietic stem cells. This gene may function as a tumor suppressor in nasopharyngeal carcinoma. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2015] |
| Function | May play a role in cell-cell or cell-ligand interactions during synaptogenesis and other events in the brain. [UniProt] |
| Research Area | Developmental Biology antibody; Immune System antibody; Neuroscience antibody |
| Calculated Mw | 18 kDa |

Images



ARG64718 anti-CD90 / Thy 1 antibody WB image

Western blot: 35 µg of Human tonsil lysate (in RIPA buffer) stained with ARG64718 anti-CD90 / Thy 1 antibody at 0.1 µg/ml dilution and incubated at RT for 1 hour.



ARG64718 anti-CD90 / Thy 1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human cortex tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64718 anti-CD90 / Thy 1 antibody at 3.75 µg/ml dilution followed by AP-staining.