

Mouse THY1 / CD90 Monoclonal Antibody | anti-THY1 antibody

Mouse Monoclonal [clone 5E10] (IgG1,k) to Human THY1 / CD90

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51821	Mouse	Baboon, Human, Monkey	Flow Cytometry, Functional Assay, Immunoprecipitation, Immunohistochemistry, Immunohistochemistry

PRODUCT SYNONYMS

THY1 / CD90; Monoclonal Antibody; Mouse Monoclonal [clone 5E10] (IgG1; k) to Human THY1 / CD90; Anti-THY1 / CD90 Antibody (clone 5E10) IHC-plus; THY1; CD90 antigen; CD90; CDw90; Thy-1 antigen; Thy-1 T-cell antigen; Thy-1; Thy-1 cell surface antigen; Thy-1 membrane glycoprotein; Human THY1; anti-THY1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Baboon, Human, Monkey
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	5E10
Specificity	HEL cells
Purity/Purification	Affinity Purified
Form/Format	Phosphate-buffered solution, pH 7.2, 0.09% sodium azide.
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	161
Applicable Applications for anti-THY1 antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Cells.
Immunogen	THY1 / CD90 antibody was raised against cells.
Preparation and Storage	+4 degree C, avoid freezing

IMAGES



FCM/FACS (Flow Cytometry)

Human erythroleukemic cell line HEL stained with purified 5E10, followed by anti-mouse IgG FITC.



IHC (Immunohistochemistry)

Anti-THY1 antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

**IHC (Immunohistochemistry)**

Anti-THY1 antibody IHC of human brain, cerebellum. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

**IHC (Immunohistochemistry)**

Anti-THY1 antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

ADDITIONAL INFORMATION**Related Product Information for anti-THY1 antibody**

THY1 or CD90 is a 25 -37 kDa heavily N-glycosylated, glycosphosphatidylinositol (GPI) anchored conserved cell surface protein with a single V-like immunoglobulin domain, originally discovered as a thymocyte antigen. Thy-1 can be used as a marker for a variety of stem cells and for the axonal processes of mature neurons.

NCBI AND UNIPROT INFORMATION

NCBI GI #	19923362
NCBI GeneID	7070
NCBI Accession #	NP_006279.2
NCBI GenBank Nucleotide #	NM_006288.3
UniProt Accession #	P04216; Q16008; Q9NSP1
Molecular Weight	17,935 Da
NCBI Official Full Name	thy-1 membrane glycoprotein preproprotein
NCBI Official Synonym Full Names	Thy-1 cell surface antigen
NCBI Official Symbol	THY1
NCBI Official Synonym Symbols	CD90
NCBI Protein Information	thy-1 membrane glycoprotein; CDw90; thy-1 antigen; Thy-1 T-cell antigen
UniProt Protein Name	Thy-1 membrane glycoprotein
UniProt Gene Name	THY1
UniProt Entry Name	THY1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/thy1-cd90-antibody-clone-5e10-flow-cytometry-immunoprecipitation-immunohistochemistry-immunohistochemistry-elisa/51821>