

Mouse anti-Mouse, Rat Thy-1 Monoclonal Antibody | anti-Thy-1 antibody

Thy-1 (OX7) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312002	Mouse	Mouse, Rat	Flow Cytometry, Functional Assay, Immunohistochemistry, Immunofluorescence, Immunoprecipitation, Western Blot

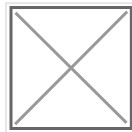
PRODUCT SYNONYMS

Thy-1; Monoclonal Antibody; Thy-1 (OX7) Antibody; CD7 antibody; CD90 antibody; CD90 antigen antibody; CDw90 antibody; FLJ33325 antibody; MGC128895 antibody; T25 antibody; Theta antigen antibody; Thy 1 antibody; Thy 1 cell surface antigen antibody; Thy 1 membrane glycoprotein antibody; Thy 1 T cell antigen antibody; Thy 1.2 antibody; Thy-1 antigen antibody; Thy-1 membrane glycoprotein antibody; Thy1 antibody; Thy1 antigen antibody; Thy1 T cell antigen antibody; Thy1.1 antibody; Thy1.2 antibody; THY1_HUMAN antibody; Thymus cell antigen 1; theta antibody; anti-Thy-1 antibody

PRODUCT SPECIFICATIONS

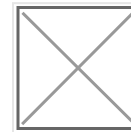
Host	Mouse
Reactivity	Mouse, Rat
Clonality	Monoclonal
Clone Number	1G2
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-Thy-1 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), IF (Immunofluorescence), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Peptide
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



Application Data

Immunoperoxidase staining of formalin fixed, paraffin-embedded human cerebral cortex tissue showing neuropil staining.



WB (Western Blot)

Western blot analysis of Thy-1 expression in rat brain tissue extract.

ADDITIONAL INFORMATION

Related Product Information for anti-Thy-1 antibody

Over 100 cell surface markers have been identified through the use of monoclonal antibodies. Many of these markers have proven useful in identifying specific subpopulations of cells within mixed colonies. Accordingly, these molecules have been assigned a cluster of differentiation (CD) designation. One such marker, designated Thy-1 (also referred to as CDw90), is a phosphatidyl-anchored cell surface glycoprotein which when coexpressed with CD34 on cells from normal human bone marrow, identifies a subpopulation that includes putative hematopoietic, pluripotent stem cells. Thy1+ cells from bone marrow have been implicated in syngeneic graft versus host disease and may serve to regulate autoreactivity after bone marrow transplant.

Product Categories/Family for anti-Thy-1 antibody

Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	6678347
NCBI GeneID	21838
NCBI Accession #	NP_033408.1
NCBI GenBank Nucleotide #	NM_009382.3
UniProt Accession #	P01831
Molecular Weight	18,080 Da
NCBI Official Full Name	thy-1 membrane glycoprotein preproprotein
NCBI Official Synonym Full Names	thymus cell antigen 1, theta
NCBI Official Symbol	Thy1
NCBI Official Synonym Symbols	T25; CD90; Thy-1; Thy1.1; Thy1.2; Thy-1.2
NCBI Protein Information	thy-1 membrane glycoprotein; Thy 1.2; thy-1 antigen
UniProt Protein Name	Thy-1 membrane glycoprotein
UniProt Gene Name	Thy1
UniProt Synonym Gene Names	Thy-1
UniProt Entry Name	THY1_MOUSE

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/thy-1-antibody-clone-1g2-flow-cytometry-immunohistochemistry-immunofluorescence-immunoprecipitation-western-blot-elisa/312002>