

Mouse CD90 Monoclonal Antibody | anti-CD90 antibody

Anti-Hu CD90 FITC

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA20024	Mouse	Pig, Horse, Human, Non-human primates	Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD90; Monoclonal Antibody; Anti-Hu CD90 FITC; Thy-1 cell surface antigen; Thy-1; anti-CD90 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Pig, Horse, Human, Non-human primates
Clonality	Monoclonal
Isotype	IgG1 kappa
Clone Number	5E10
Specificity	The mouse monoclonal antibody 5E10 recognizes CD90/Thy-1, a GPI-anchored cell surface glycoprotein expressed predominantly on thymocytes, hematopoietic stem cells and neurons.
Purity/Purification	The purified antibody is conjugated with fluorescein isothiocyanate (FITC) under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Form/Format	FITC Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide
Sequence Length	161
Applicable Applications for anti-CD90 antibody	FCM/FACS (Flow Cytometry)
Application Notes	FC: The reagent is designed for analysis of human blood cells using 4 ul reagent / 100 ul of whole blood or 10^6 cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.
Immunogen	HEL erythroleukemia cells
Antigen	CD90
Workshop	HLDA V: WS Code M07, BP222; HLDA VI: WS Code BP28, E046
Negative Species	Dog
Excitation laser	blue (488 nm)
Preparation and Storage	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

NCBI AND UNIPROT INFORMATION

NCBI GI #	19923362
NCBI GeneID	7070
NCBI Accession #	NP_006279.2
NCBI GenBank Nucleotide #	NP_006279.2
UniProt Accession #	P04216

NCBI Official Full Name	thy-1 membrane glycoprotein isoform 1 preproprotein
NCBI Official Synonym Full Names	Thy-1 cell surface antigen
NCBI Official Symbol	THY1
NCBI Official Synonym Symbols	CD90; CDw90
NCBI Protein Information	thy-1 membrane glycoprotein
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://www.aaabiotech.com/monoclonal/cd90-antibody-clone-5e10-flow-cytometry-elisa/20024>