

Mouse CD90 Monoclonal Antibody | anti-CD90 antibody

MOUSE ANTI HUMAN CD90:RPE

CATALOG # AAA49719	HOST Mouse	REACTIVITY Cynomolgus monkey	APPLICATIONS Flow Cytometry, Functional Assay
------------------------------	----------------------	--	---

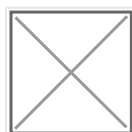
PRODUCT SYNONYMS

CD90; Monoclonal Antibody; MOUSE ANTI HUMAN CD90:RPE; anti-CD90 antibody

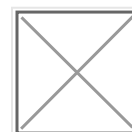
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Cynomolgus monkey
Clonality	Monoclonal
Isotype	IgG1
Clone Number	F15-42-1
Form/Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - liquid
Sequence Length	161
Applicable Applications for anti-CD90 antibody	FCM/FACS (Flow Cytometry)
Perservative Stabilisers	0.09% Sodium Azide 1% Bovine Serum Albumin 5% Sucrose
Preparation	Purified IgG prepared by ion exchange chromatography
Max Ex/Em	Fluorophore: RPE 488nm laser Excitation Max (nm): 495 Emission Max (nm): 578
Immunogen	Purified human brain Thy-1.
Buffer Solution	Phosphate buffered saline
Target Species	Human
Fusion Partners	Spleen cells from immunized BALB/c mice were fused with cells of the mouse NS-1 myeloma cell line.
Preparation and Storage	Store at 4 degree C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 12 months from date of reconstitution.

IMAGES


Application Data

Staining of HUT78 T monocytes with Mouse anti Human CD90:Alexa Fluor 647


Application Data

Staining of HUT78 T cells with Mouse anti Human CD90:FITC



Application Data

Staining of HUT78 cells with Mouse anti Human CD90: RPE

ADDITIONAL INFORMATION

Related Product Information for anti-CD90 antibody

Mouse anti Human CD90 antibody, clone F15-42-1 recognizes the human CD90 cell surface antigen, a 25kD glycoprotein homologous to rat Thy1. The antigen is expressed by a subset of CD34+ve cells in the bone marrow and by prothymocytes within the thymus. CD90 is also expressed extensively within the brain. Mouse anti Human CD90 antibody, clone F15-42-1 is routinely tested in flow cytometry on the MOLT4 cell line.

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 T-cell antigen; thy-1 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd90-antibody-clone-f15-42-1-flow-cytometry-elisa/49719>