

THY1 Conjugated Antibody

Catalog No: #C37275



Package Size: #C37275-AF350 100ul #C37275-AF405 100ul #C37275-AF488 100ul
 #C37275-AF555 100ul #C37275-AF594 100ul #C37275-AF647 100ul
 #C37275-AF680 100ul #C37275-AF750 100ul #C37275-Biotin 100ul

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Description

Product Name	THY1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total THY1 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human Thy-1 cell surface antigen
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CD90
Accession No.	Swiss-Prot#:P04216NCBI Gene ID:7070NCBI Protein#:NP_000450
Uniprot	P04216
GeneID	7070;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

Thy-1 or CD90(Cluster of Differentiation 90) is a 25¨C37 kDa heavily N-glycosylated, glycoposphatidylinositol(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. Structural study of Thy-1 lead to the foundation of the Immunoglobulin superfamily, of which it is the smallest member, and led to some of the initial biochemical description and characterization of a vertebrate GPI anchor and also the first demonstration of tissue specific differential glycosylation.

Note: This product is for in vitro research use only