

THY-1 Conjugated Antibody

Catalog No: #C48132



Package Size: #C48132-AF350 100ul #C48132-AF405 100ul #C48132-AF488 100ul
 #C48132-AF555 100ul #C48132-AF594 100ul #C48132-AF647 100ul
 #C48132-AF680 100ul #C48132-AF750 100ul #C48132-Biotin 100ul

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Description

Product Name	THY-1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu,Ms
Immunogen Description	peptide
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	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
Accession No.	Swiss-Prot#:P04216
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
Calculated MW	22kDa
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 is a 250 \pm 37 kDa heavily N-glycosylated, glycosylphosphatidylinositol (GPI) anchored conserved cell surface protein with a single V-like immunoglobulin domain, originally discovered as a thymocyte antigen. It is highly expressed on the surface of adult neurons and is thought to play a role in modulating adhesive and migratory events, such as neurite extension. Thy-1 can be used as a marker for a variety of stem cells and for the axonal processes of mature neurons.

Note: This product is for in vitro research use only