Thy-1 (OX7) Conjugated Antibody

Catalog No: #C48341

Package Size: #C48341-AF350 100ul #C48341-AF405 100ul #C48341-AF488 100ul #C48341-AF555 100ul #C48341-AF594 100ul #C48341-AF647 100ul #C48341-AF680 100ul #C48341-AF750 100ul #C48341-Biotin 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Thy-1 (OX7) Conjugated Antibody
Host Species	Mouse
Clonality	Monoclonal
Species Reactivity	Ms, Rt
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#:P01831
Uniprot	P01831
GeneID	21838;
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	25-37kDa
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

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 oΩ½oΩ½cluster of differentiationoΩ½oΩ½ (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, pleuripotent 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.

Note: This product is for in vitro research use only