



Rabbit Anti-Human THY1 monoclonal antibody, clone KG21-10 (DCABH-2691)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	THY1
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	KG21-10
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, IHC
Molecular Weight	45 kDa
Cellular Localization	Cell membrane.
Positive Control	HUVEC, MCF-7, Hela, HepG2, PC-12, human tonsil tissue, human lung cancer tissue, human spleen tissue, human kidney tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.

Preservative	0.05% Sodium Azide
Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	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 "cluster of differentiation" (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, pluripotent stem cells. Thy-1+ cells from bone marrow have been implicated in syngeneic graft versus host disease and may serve to regulate autoreactivity after bone marrow transplant.
Keywords	CD7;CD90;CD90 antigen;CDw90;FLJ33325;MGC128895;T25;Theta antigen;Thy 1;Thy 1 cell surface antigen;Thy 1 membrane glycoprotein;Thy 1 T cell antigen;Thy 1.2;Thy-1 antigen;Thy-1 membrane glycoprotein;Thy1;Thy1 antigen;Thy1 T cell antigen;Thy1.1;Thy1.2;THY1_HUMAN;Thymus cell antigen 1, theta antibody

GENE INFORMATION

Entrez Gene ID	7070
UniProt ID	B0YJA4