

CD43 rabbit pAb

Catalog No :	YT7837
Reactivity :	Human;Rat;Mouse;
Applications :	WB;ELISA
Target :	CD43
Fields :	>>Cell adhesion molecules
Gene Name :	SPN CD43
Protein Name :	CD43
Human Gene Id :	6693
Human Swiss Prot No :	P16150
Mouse Gene Id :	20737
Mouse Swiss Prot No :	P15702
Rat Swiss Prot No :	P13838
Immunogen :	Synthesized peptide derived from human CD43 AA range: 1-80
Specificity :	This antibody detects endogenous levels of Human CD43
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:1000-2000 ELISA 1:5000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 44kD

Background : The protein encoded by this gene is a major sialoglycoprotein found on the surface of thymocytes, T lymphocytes, monocytes, granulocytes, and some B lymphocytes. It may be part of a physiologic ligand-receptor complex involved in T-cell activation. During T-cell activation, this protein is actively removed from the T-cell-APC (antigen-presenting cell) contact site, suggesting a negative regulatory role in adaptive immune response. [provided by RefSeq, Sep 2011],

Function : disease:CD43 expression is defective on the T-cells of males with the immunodeficiency Wiskott-Aldrich syndrome. Affected males are susceptible to opportunistic infections and do not respond to polysaccharide antigens, reflecting defects in cytotoxic and helper T-cell functions.,function:One of the major glycoproteins of thymocytes and T lymphocytes. Plays a role in the physicochemical properties of the T-cell surface and in lectin binding. Presents carbohydrate ligands to selectins. Has an extended rodlike structure that could protrude above the glycocalyx of the cell and allow multiple glycan chains to be accessible for binding. Is a counter receptor for SN/Siglec-1 (By similarity). During T-cell activation is actively removed from the T-cell-APC (antigen-presenting cell) contact site thus suggesting a negative regulatory role in adaptive immune response.,PTM:Glycosylated; has a high c

Subcellular Location : Membrane ; Single-pass type I membrane protein . Cell projection, microvillus . Cell projection, uropodium . Localizes to the uropodium and microvilli via its interaction with ERM proteins (EZR, RDX and MSN). .; [CD43 cytoplasmic tail]: Nucleus . Nucleus, PML body . The sumoylated form localizes to the PML body. .

Expression : Cell surface of thymocytes, T-lymphocytes, neutrophils, plasma cells and myelomas.

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