



CD2 Monoclonal Antibody

Catalog No	YP-mAb-13982
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CD2
Immunogen	The antiserum was produced against synthesized peptide derived from the N-terminal region of human CD2. AA range:31-80
Specificity	CD2 Monoclonal Antibody detects endogenous levels of CD2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CD2;CD2 molecule;Erythrocyte receptor;LFA 2;LFA 3 receptor;Rosette receptor;SRBC;T cell surface antigen CD2;T11;T-cell surface antigen CD2;LFA-2;LFA-3 receptor;T-cell surface antigen T11/Leu-5
Observed Band	39kD
Calculated Molecular Weight	39kD
Cell Pathway	Cell membrane ; Single-pass type I membrane protein .
Tissue Specificity	Expressed in natural killer cells (at protein level).
Function	function:CD2 interacts with lymphocyte function-associated antigen (LFA-3) and CD48/BCM1 to mediate adhesion between T-cells and other cell types. CD2 is implicated in the triggering of T-cells, the cytoplasmic domain is implicated in the signaling function.,online information:CD2 entry,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,subunit:Interacts with CD2AP (By similarity). Interacts with PSTPIP1.,



Background

The protein encoded by this gene is a surface antigen found on all peripheral blood T-cells. The encoded protein interacts with LFA3 (CD58) on antigen presenting cells to optimize immune recognition. A locus control region (LCR) has been found in the 3' flanking sequence of this gene. [provided by RefSeq, Jun 2016],

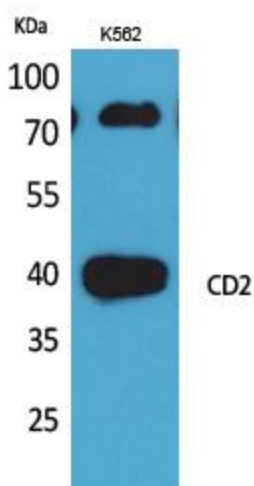
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using CD2 Monoclonal Antibody