

**CD2 (ABT127R) rabbit mAb**

<b>Catalog No :</b>	YM7039
<b>Reactivity :</b>	Human;
<b>Applications :</b>	IHC; ELISA
<b>Target :</b>	CD2
<b>Fields :</b>	>>Cell adhesion molecules;>>Hematopoietic cell lineage
<b>Gene Name :</b>	CD2
<b>Protein Name :</b>	CD 2;CD2;CD2 antigen (p50), sheep red blood cell receptor;CD2 antigen;CD2 molecule;CD2_HUMAN;Erythrocyte receptor;FLJ46032;LFA-2;LFA-3 receptor;LFA2;LFA3 receptor;Ly-37;Lymphocyte function antigen 2;I
<b>Human Gene Id :</b>	914
<b>Human Swiss Prot No :</b>	P06729
<b>Mouse Swiss Prot No :</b>	P08920
<b>Rat Swiss Prot No :</b>	P08921
<b>Immunogen :</b>	Synthesized peptide derived from human CD2 AA range:1-100
<b>Specificity :</b>	This antibody detects endogenous levels of CD2
<b>Formulation :</b>	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
<b>Source :</b>	Monoclonal, Rabbit IgG1, Kappa
<b>Dilution :</b>	IHC 1:100-500, ELISA 1:5000-20000
<b>Purification :</b>	Recombinant Expression and Affinity purified
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

**Molecularweight :** 39kD

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**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],

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**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.,

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**Subcellular** Membranous

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**Location :****Expression :** Tonsil

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## Products Images