

Anti-CD2 Antibody

Catalog # AP95734

Product Information

Application	WB, IHC, FC
Primary Accession	P06729
Reactivity	Human, Mouse
Host	Mouse
Clonality	Monoclonal
Calculated MW	39448

Additional Information

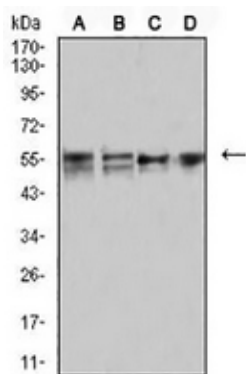
Gene ID	914
Other Names	SRBC; T-cell surface antigen CD2; Erythrocyte receptor; LFA-2; LFA-3 receptor; Rosette receptor; T-cell surface antigen T11/Leu-5; CD2
Target/Specificity	Recombinant fusion protein of human CD2 expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~FC (1/100 - 1/200)
Format	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

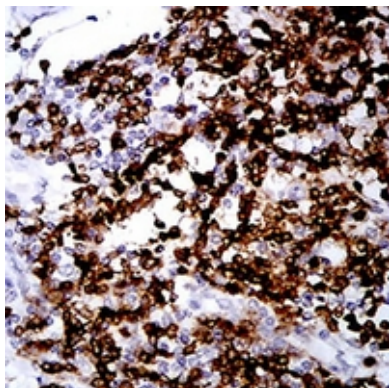
Name	CD2
Synonyms	SRBC
Function	CD2 interacts with lymphocyte function-associated antigen CD58 (LFA-3) and CD48/BCM1 to mediate adhesion between T-cells and other cell types. CD2 is implicated in the triggering of T-cells, the cytoplasmic domain is implicated in the signaling function.
Cellular Location	Cell membrane; Single-pass type I membrane protein
Tissue Location	Expressed in natural killer cells (at protein level).

Images

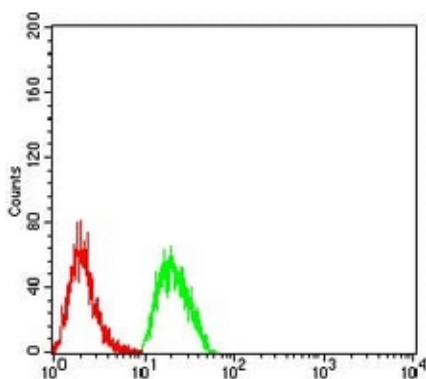
Western blot analysis of CD2 expression in MOLT4 (A),



MCF7 (B), HeLa (C), L1210 (D) whole cell lysates. (Predicted band size: 39 kD; Observed band size: 55 kD)



Immunohistochemical analysis of CD2 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Flow cytometric analysis of HeLa cells using Anti-CD2 Antibody (green) and negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.