

CD2 (ABT529) Mouse mAb (Ready to Use)

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|------------------------------|--|
| Catalog No : | YM6021R |
| Reactivity : | Human |
| Applications : | IHC |
| Target : | CD2 |
| Fields : | >>Cell adhesion molecules;>>Hematopoietic cell lineage |
| Gene Name : | CD2 SRBC |
| Protein Name : | 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 |
| Human Swiss Prot No : | P06729 |
| Mouse Swiss Prot No : | P08920 |
| Rat Swiss Prot No : | P08921 |
| Immunogen : | Synthesized peptide derived from human CD2 AA range: 1-100 |
| Specificity : | The antibody can specifically recognize human CD2 protein. |
| Formulation : | PBS, pH7.2, 0.03% Porcolin 300, containing stabilizing protein |
| Source : | Monoclonal Mouse IgG2b, Kappa |
| Dilution : | Ready to use for IHC |
| Purification : | The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen. |
| Storage Stability : | 2°C to 8°C/1 year |
| Molecularweight : | 39kD |

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],

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.,

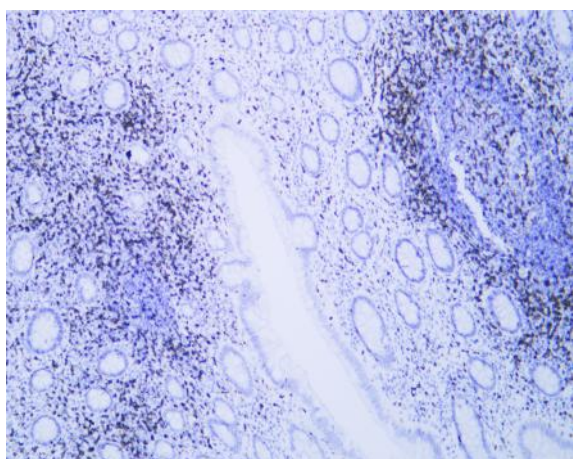
Subcellular

Membranous

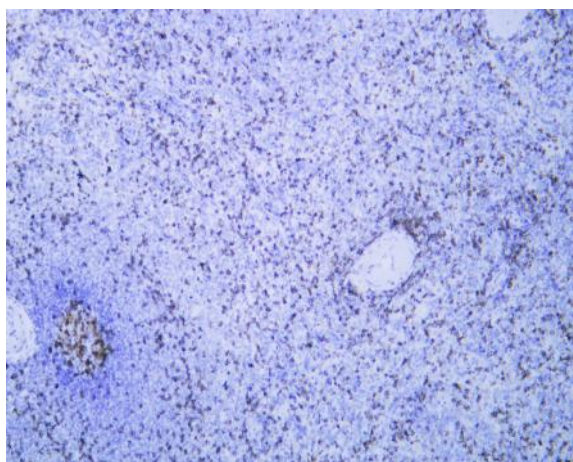
Location :
Expression :

Tonsil

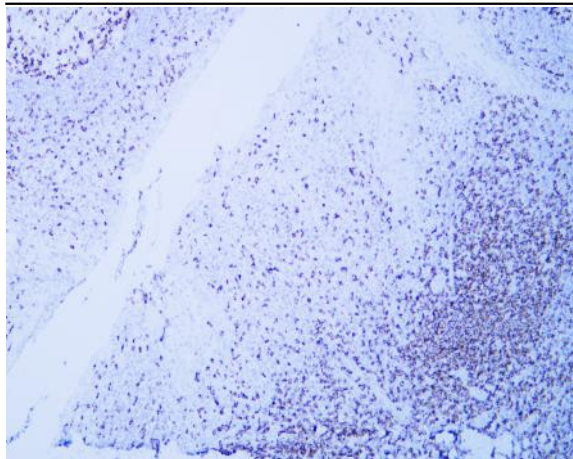
Products Images



Human appendix tissue was stained with anti-CD2(ABT529) antibody.



Human spleen tissue was stained with anti-CD2(ABT529) antibody.



Human tonsil tissue was stained with anti-CD2(ABT529) antibody.