

**Name: CD2 mouse monoclonal antibody, clone UMAB86**  
**Product Data Sheet - UltraMAB**

**Catalog: UM800017**

Gene Name: Homo sapiens CD2 molecule (CD2)  
GeneBank accession: NM\_001767  
Isotype: IgG1

Reactivity: Human  
Test application: WB  
Clone Name: Clone UMAB86

**Gene Synonym:** LFA-2; SRBC; T11

**Validation Data:**

**Guaranteed Applications:** IHC, 10K-CHIP

**Western Blot**

**Suggested Dilutions:** IHC 1:100,

**Immunogen:** Full length human recombinant protein of human CD2 (NP\_001758) produced in HEK293T cell.

**Components:**

- CD2 mouse monoclonal antibody, clone UMAB86 (UM800017)

**Amount:**

UM800017 100ul

**Concentration:** 0.5~1.0 mg/ml (Lot Dependent)

**Storage Condition:** Shipped at 4C. Upon delivery store at -20C. Dilute in PBS (pH7.3) before use. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.

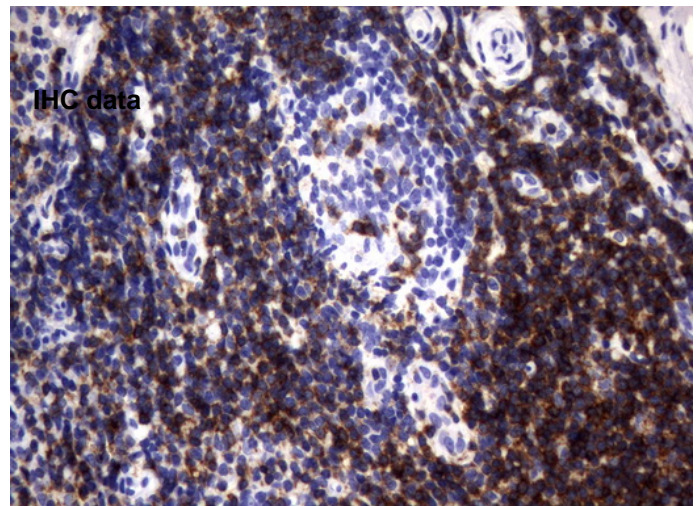
**Buffer:** PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.

**Purification:**

Purified from mouse ascites fluids by affinity chromatography

**Background:**

CD2 is a surface antigen of the human T-lymphocyte lineage that is expressed on all peripheral blood T cells (summarized by Sewell et al., 1986 [PubMed 3490670]). It is one of the earliest T-cell markers, being present on more than 95% of thymocytes; it is also found on some natural killer cells but not on B lymphocytes. Monoclonal antibodies directed against CD2 inhibit the formation of rosettes with sheep erythrocytes, indicating that CD2 is the erythrocyte receptor or is closely associated with it. [supplied by OMIM, Jul 2010].



Immunohistochemical staining of paraffin-embedded Human tonsil using anti-CD2 mouse monoclonal antibody. (UM800017)

**Related Product:**

TrueORF cDNA clones  
VERIFY Tagged Antigen lysates  
HuSH-29 shRNA  
Western Blot reagents  
Anti-myc/DDK tag antibodies

\* Peptide sequence of the DDK-tag (Flag®): N-DYKDDDDK-C Flag® is a registered trademark of Sigma-Aldrich

\* More validation images may be available on our website:

<http://www.origene.com/antibody/UM800017.aspx>

***This product is to be used for laboratory only. Not for diagnostic or therapeutic use.***