Product Name: **CD5 Mouse Monoclonal Antibody**
Catalog #: **AMM82533**
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ELISA,FC
Reactivity	Human, Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	54.6kDa

Antigen Information

Gene Name	CD5
Alternative Names	T1; LEU1
Gene ID	921.0
SwissProt ID	P06127
Immunogen	Purified recombinant fragment of human CD5 (AA: 403-495) expressed in E. Coli.

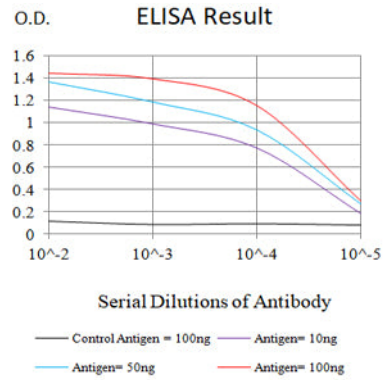
Background

This gene encodes a member of the scavenger receptor cysteine-rich (SRCR) superfamily. Members of this family are secreted or membrane-anchored proteins mainly found in cells associated with the immune system. This protein is a type-I transmembrane glycoprotein found on the surface of thymocytes, T lymphocytes and a subset of B lymphocytes. The encoded

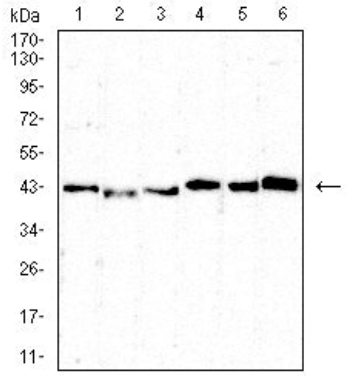
protein contains three SRCR domains and may act as a receptor to regulate T-cell proliferation. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Oct 2016]

Research Area

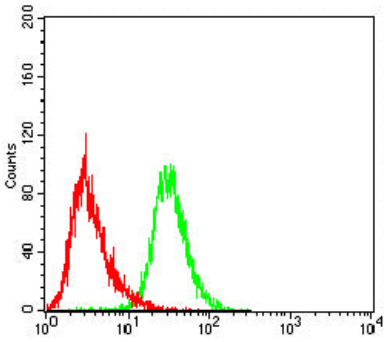
Image Data



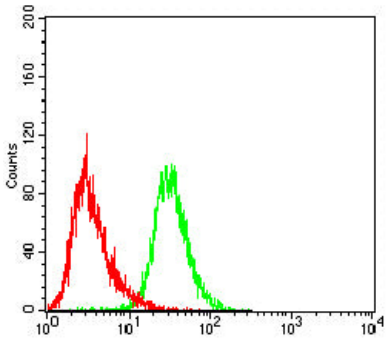
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



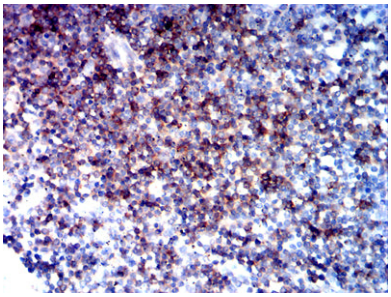
Western blot analysis using CD5 mouse mAb against MOLT4 (1), MOLT4 (2),U937 (3),L1210 (4) ,HEK239 (5) ,and HEK293-6e (6) cell lysate.



Flow cytometric analysis of THP-1 cells using CD5 mouse mAb (green) and negative control (red).



Flow cytometric analysis of Jurkat cells using CD5 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human tonsil tissues using CD5 mouse mAb with DAB staining.