
Product Name: CD82 Mouse Monoclonal Antibody**Catalog #: AMM82974**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ELISA,FC
Reactivity	Human
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	29.6kDa

Antigen Information

Gene Name	CD82
Alternative Names	R2; 4F9; C33; IA4; ST6; GR15; KAI1; SAR2; TSPAN27
Gene ID	3732.0
SwissProt ID	P27701
Immunogen	Purified recombinant fragment of human CD82 (AA: extra 111-228) expressed in E. Coli.

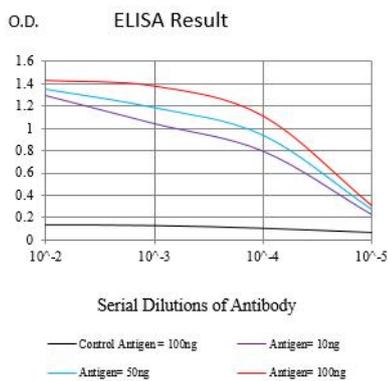
Background

This metastasis suppressor gene product is a membrane glycoprotein that is a member of the transmembrane 4 superfamily. Expression of this gene has been shown to be downregulated in tumor progression of human cancers and can be activated by p53 through a consensus binding sequence in the promoter. Its expression and that of p53 are strongly correlated, and the loss

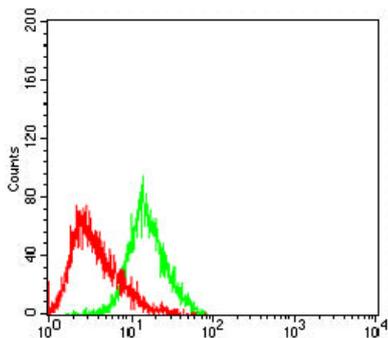
of expression of these two proteins is associated with poor survival for prostate cancer patients. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

Research Area

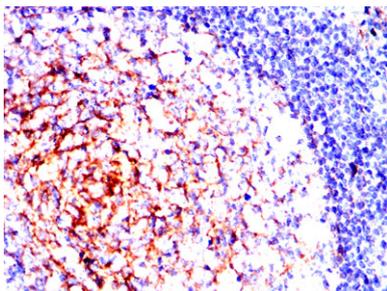
Image Data



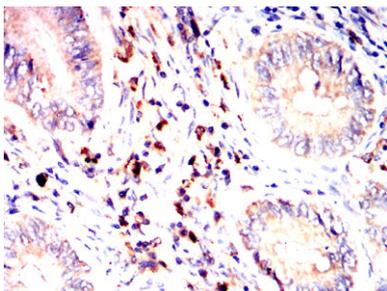
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



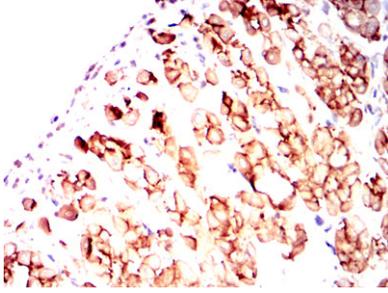
Flow cytometric analysis of Raji cells using CD82 mouse mAb (green) and negative control (red).



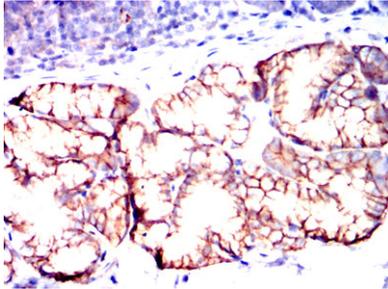
Immunohistochemical analysis of paraffin-embedded human tonsil tissues using CD82 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human rectum cancer tissues using CD82 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded rabbit stomach tissues using CD82 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded rabbit small intestine tissues using CD82 mouse mAb with DAB staining.