

## Summary

<b>Production Name</b>	CD82 Mouse Monoclonal Antibody
<b>Description</b>	Mouse Monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	IHC,FC,ELISA
<b>Reactivity</b>	Human, Mouse

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG2a
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide
<b>Purification</b>	Affinity Purification

## Immunogen

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

## Application

<b>Dilution Ratio</b>	IHC:1:200-1:1000,FC:1:200-1:400,ELISA:1:10000
<b>Molecular Weight</b>	29.6kDa

## Background

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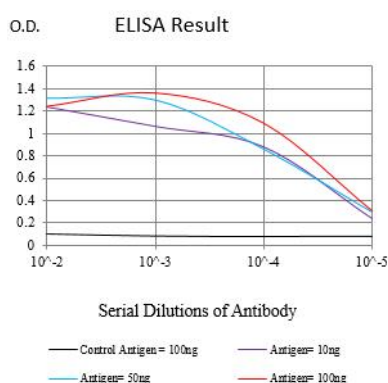
**Product Name: CD82 Mouse Monoclonal Antibody**  
**Catalog #: AMM82973**



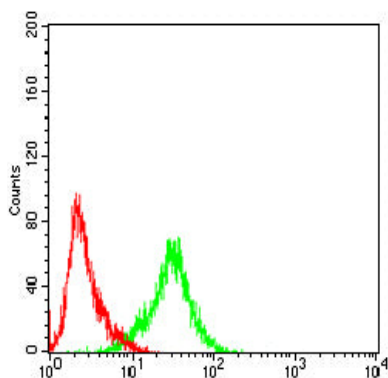
This metastasis suppressor gene product is a membrane glycoprotein that is a member of the transmembrane 4 superfamily. Expression of this gene has been shown to be downregulated in tumor progression of human cancers and can be activated by p53 through a consensus binding sequence in the promoter. Its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

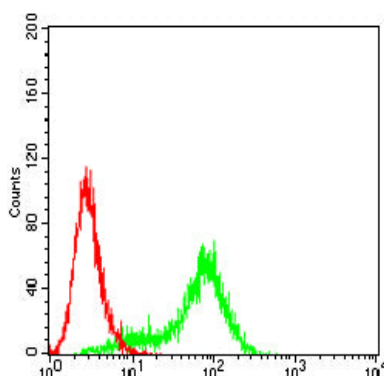


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

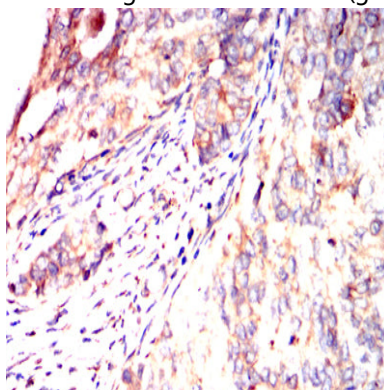


Flow cytometric analysis of NIH/3T3 cells using CD82 mouse mAb (green) and negative control (red).

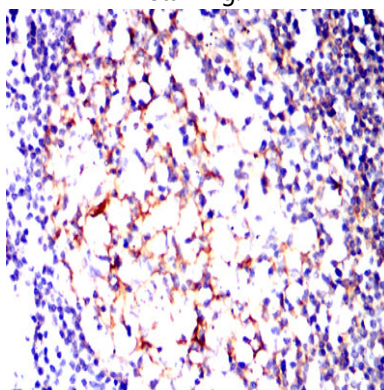
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Flow cytometric analysis of Hela cells using CD82 mouse mAb (green) and negative control (red).



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



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

## Note

For research use only.