

## CD82 Monoclonal Antibody

### Description

<b>Product type</b>	Antibody
<b>Code</b>	BT-MCA2028
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG1
<b>Size</b>	100µL, 50µL
<b>Immunogen</b>	Purified recombinant fragment of human CD82 (AA: extra 111-228) expressed in E. Coli.
<b>Mol wt</b>	29.6kDa
<b>Species reactivity</b>	Human
<b>Clonality</b>	Monoclonal
<b>Recommended application</b>	WB,IHC,FCM
<b>Concentration</b>	N/A
<b>Full name</b>	N/A
<b>Synonyms</b>	R2;4F9;C33;IA4;ST6;GR15;KAI1;SAR2;TSPAN27

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### 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.

### Recommended Dilution

WB: 1:500 - 1:2000

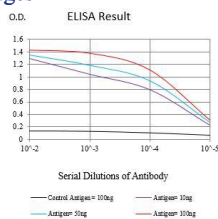
IHC-p: 1:200 - 1:1000

FCM: 1:200 - 1:400

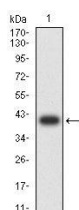
ELISA: 1:10000

Not yet tested in other applications.

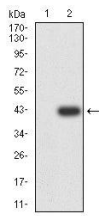
### Images



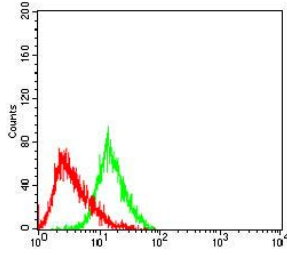
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



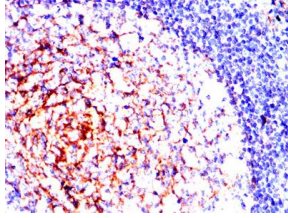
Western blot analysis using CD82 mAb against human CD82 (AA: extra 111-228) recombinant protein. (Expected MW is 39.5 kDa)



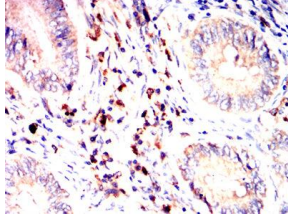
Western blot analysis using CD82 mAb against HEK293-6e (1) and CD82 (AA: extra 111-228)-hlgGFc transfected HEK293-6e (2) cell lysate.



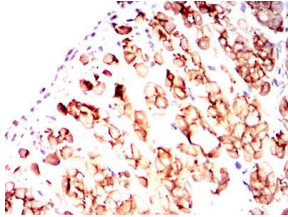
Flow cytometric analysis of Raji cells using CD82 mouse mAb (green) and negative control (red).



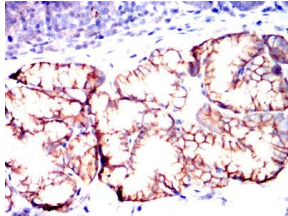
Immunohistochemical analysis of paraffin-embedded human tonsil tissues using CD82 mouse mAb with DAB staining.



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.

### Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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