

CD82 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3368
Host	Mouse
Isotype	Mouse IgG2a
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human CD82 (AA: extra 111-228) expressed in E. Coli.
Mol wt	29.6kDa
Species reactivity	Human,Mouse
Clonality	Monoclonal
Recommended application	IHC,FCM
Concentration	N/A
Full name	N/A
Synonyms	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

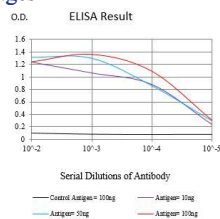
IHC-p: 1:200 - 1:1000

FCM: 1:200 - 1:400

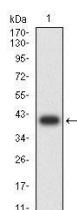
ELISA: 1:10000

Not yet tested in other applications.

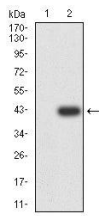
Images



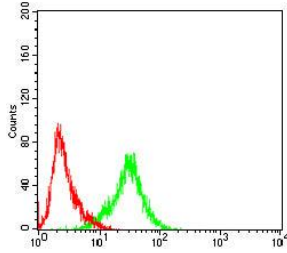
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



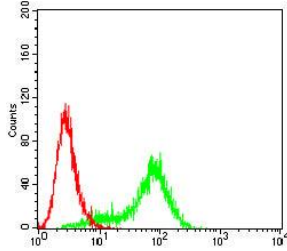
Western blot analysis using CD82 mAb against human CD82 (AA: extra 111-228) recombinant protein. (Expected MW is 39.5 kDa)



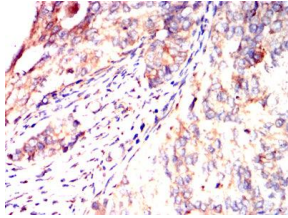
Western blot analysis using CD82 mAb against HEK293-6e (1) and CD82 (AA: extra 111-228)-hlgGfc transfected HEK293-6e (2) cell lysate.



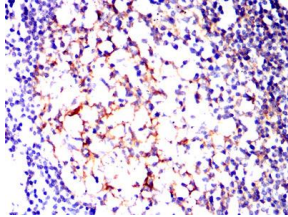
Flow cytometric analysis of NIH/3T3 cells using CD82 mouse mAb (green) and negative control (red).



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.

Storage

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

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