

CD82 Rabbit Polyclonal Antibody



CAB1778

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

45KDa

Calculated MW:

26kDa/29kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Protein 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.

Immunogen information

Gene ID:

3732

Uniprot

P27701

Synonyms:

CD82; 4F9; C33; GR15; IA4; KAI1; R2; SAR2; ST6; TSPAN27

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200 IF 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

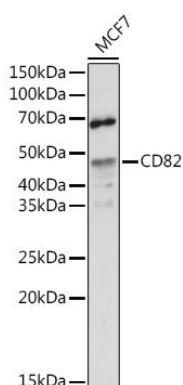
Immunogen:

A synthetic peptide corresponding to a sequence within amino acids 200 to the C-terminus of human CD82 (NP_002222.1).

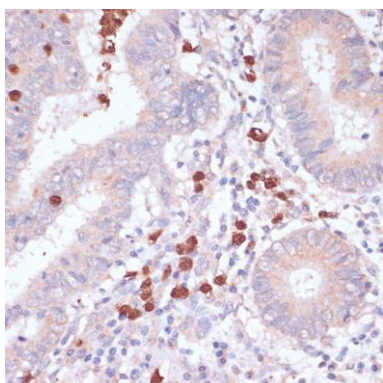
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

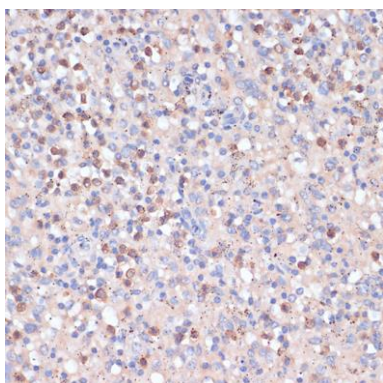
Product Images



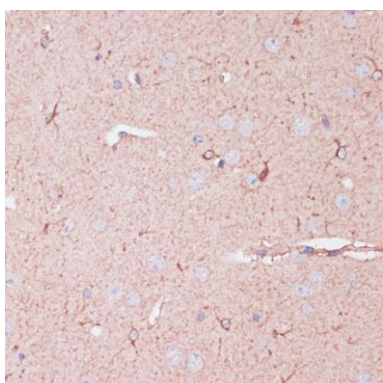
Western blot analysis of extracts of MCF7 cells, using CD82 antibody (CAB1778) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.



Immunohistochemistry of paraffin-embedded human colon using CD82 antibody (CAB1778) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human spleen using CD82 antibody (CAB1778) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse brain using CD82 antibody (CAB1778) at dilution of 1:100 (40x lens).