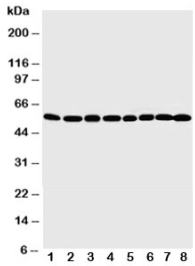
MDM2 Antibody (R30449)

Catalog No.	Formulation	Size
R30449	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	Q00987
Applications	Western blot: 0.5-1ug/ml
Limitations	This MDM2 antibody is available for research use only.



Western blot testing of MDM2 antibody and Lane 1: rat testis; 2: rat brain; 3: rat heart; 4: human SKOV-3; 5: COLO320; 6: HeLa; 7: mouse HEPA; 8: monkey COS7 cell lysate. Predicted molecular weight: ~55 kDa but can be observed at up to ~90 kDa.

Description

MDM2 is an important negative regulator of the p53 tumor suppressor. The protein functions both as an E3 ubiquity lipase that recognizes the N-terminal trans-activation domain(TAD) of the p53 tumor suppressor and an inhibitor of p53 transcriptional activation. Oliner et al.(1992) used MDM2 clones to localize the human gene to chromosome 12q13-q14 by analysis of human-hamster somatic cell hybrids.

Application Notes

The stated application concentrations are suggested starting points. Titration of the MDM2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

Amino acids 343-358 (EKAKLENSTQAEEGFD) were used as the immunogen for this MDM2 antibody.

Storage

After reconstitution, the MDM2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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