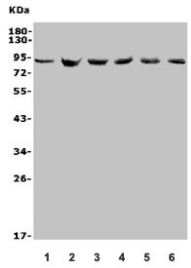
MDM2 Antibody (RQ5828)

Catalog No.	Formulation	Size
RQ5828	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	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q00987
Applications	Western blot: 0.5-1ug/ml
Limitations	This MDM2 antibody is available for research use only.



Western blot testing of 1) human U-87 MG, 2) rat PC-12, 3) rat RH35, 4) mouse HEPA1-6, 5) mouse NIH 3T3 and 6) mouse ANA-1 lysate with MDM2 antibody. 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. It is the name of a gene as well as the protein encoded by that gene. Mdm2 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

Optimal dilution of the MDM2 antibody should be determined by the researcher.

Immunogen

Amino acids QYIMTKRLYDEKQQHIVY from the human protein were used as the immunogen for the 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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