



Product Information Sheet

Polyclonal Anti- MDM2 (*Magnetic Bead Conjugate*)

Catalogue No. PA1378-M

Lot No. 0131112117827

Ig type rabbit IgG

Size 100µg/vial

Specificity

Human, rat.

No cross reactivity with other proteins.

Recommended application

ImmunoPrecipitation

Immunogen

A synthetic peptide corresponding to a sequence at the N-terminal of human MDM2 (103-119 aa), different from the mouse sequence by three amino acids, and rat sequence by two amino acids.

Purity

Immunogen affinity purified.

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg Thimerosal, 0.05mg NaN₃.

Reconstitution

0.2ml of distilled water will yield a concentration of 500µg/ml.

Storage

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for longer time.

BACKGROUND

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..

REFERENCE

- 1.Uhrinova S, Uhrin D, Powers H, et al (2005). "Structure of free MDM2 N-terminal domain reveals conformational adjustments that accompany p53-binding". J. Mol. Biol. 350 (3): 587–98

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