

Product Datasheet

MDM2/HDM2 Antibody (SMP 14) NBP2-50503

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 6/26/2023 v.20.1

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NBP2-50503

MDM2/HDM2 Antibody (SMP 14)

| Product Information | |
|-----------------------------|---|
| Unit Size | 0.1 ml |
| Concentration | 1 mg/ml |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | SMP 14 |
| Preservative | 0.02% Sodium Azide |
| Isotype | IgG2a |
| Purity | Protein G purified |
| Buffer | PBS |
| Product Description | |
| Host | Mouse |
| Gene ID | 4193 |
| Gene Symbol | MDM2 |
| Species | Human |
| Immunogen | Synthetic peptide CSRPTSSRRRAISE (residues 154-167 in human MDM2) cross-linked to KLH using glutaldehyde. |
| Product Application Details | |
| Applications | Western Blot, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation |
| Recommended Dilutions | Western Blot 1:100 - 1:2000, ELISA 1:100 - 1:2000, Immunohistochemistry 1:10 - 1:500, Immunocytochemistry/Immunofluorescence 1:10 - 1:500, Immunoprecipitation 1:10 - 1:500 |
| Application Notes | Positive control(s): Breast carcinoma. SMP14 monoclonal antibody also recognizes a peptide epitope around Thr-216 of murine MDM2 (when Thr-216 is unphosphorylated) see Zhang & Prives, 2001 for further details. SMP14 also cross reacts with some cytokeratins (6, 14 & 16). This is only a problem when working with certain epithelial cells and not fibroblasts. |



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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