

Product Datasheet

MDM2/HDM2 Antibody (SMP14) [Alexa Fluor® 405] NB100-2736AF405

Unit Size: 0.1 ml

Store at 4C in the dark.

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NB100-2736AF405

MDM2/HDM2 Antibody (SMP14) [Alexa Fluor® 405]

| Product Information | |
|-----------------------------|--|
| Unit Size | 0.1 ml |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C in the dark. |
| Clonality | Monoclonal |
| Clone | SMP14 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 Kappa |
| Conjugate | Alexa Fluor 405 |
| Purity | Protein G purified |
| Buffer | 50mM Sodium Borate |
| Product Description | |
| Host | Mouse |
| Gene ID | 4193 |
| Gene Symbol | MDM2 |
| Species | Human, Mouse, Rat |
| Reactivity Notes | Rat reactivity reported in scientific literature (PMID: 15625077). Mouse reactivity reported in scientific literature (PMID: 25981963). |
| Specificity/Sensitivity | The SMP14 monoclonal antibody also recognises a peptide epitope around Thr-216 of murine MDM2 (when Thr-216 is unphosphorylated) see Zhang & Prives, 2001 (PMID: 11359766) 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. |
| Immunogen | Synthetic peptide C-SRPSTSSRRRAISE, corresponding to amino acids 154-167 of human MDM2/HDM2. [UniProt# Q00987] |
| Notes | Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com . This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet. |
| Product Application Details | |
| Applications | Western Blot, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation |



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|------------------------------|--|
| Recommended Dilutions | Western Blot, Immunohistochemistry, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |





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Products Related to NB100-2736AF405

| | |
|------------|---|
| IC002V | Mouse IgG1 Isotype Control (11711) [Alexa Fluor® 405] |
| NB100-2736 | MDM2/HDM2 Antibody (SMP14) - BSA Free |
| DYC1244-2 | MDM2/HDM2 [Biotin] |
| NB600-302 | c-Myc Antibody (9E10) - BSA Free |

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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