

Product Datasheet

HSP60 Antibody (SPM253) [Alexa Fluor® 405] NBP2-34734AF405

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-34734AF405

HSP60 Antibody (SPM253) [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 | SPM253 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 Kappa |
| Conjugate | Alexa Fluor 405 |
| Purity | Protein A or G purified |
| Buffer | 50mM Sodium Borate |
| Product Description | |
| Host | Mouse |
| Gene ID | 3329 |
| Gene Symbol | HSPD1 |
| Species | Human, Mouse, Rat, Porcine, Bovine, Canine, Chicken, Drosophila, Hamster, Monkey, Rabbit, Sheep, Xenopus |
| Reactivity Notes | Does not react with bacteria, helminths or spinach. |
| Marker | Mitochondrial Marker |
| Specificity/Sensitivity | Recognizes a 60kDa protein, identified as the heat shock protein 60 (HSP60). Its epitope is localized between aa 383-447 of human HSP60. A wide variety of environmental and pathophysiological stressful conditions trigger the synthesis of a family of proteins known as heat shock proteins (hsp s), more appropriately called as stress response proteins (srp s). HSP60 is a potential antigen in a number of autoimmune diseases. In human arthritis and in experimentally induced arthritis in animals, disease development coincides with the development of immune reactivity directed against not only bacterial HSP60, but also against its mammalian homolog. |
| Immunogen | Recombinant human HSP60 protein (Uniprot: P10809) |

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| Notes | <p>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.</p> |
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| Product Application Details | |
|------------------------------------|---|
| Applications | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready |
| Recommended Dilutions | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, CyTOF-ready |





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Products Related to NBP2-34734AF405

| | |
|---------------|---|
| IC002V | Mouse IgG1 Isotype Control (11711) [Alexa Fluor® 405] |
| NBP1-77396PEP | HSP60 Antibody Blocking Peptide |
| 210-TA-005 | TNF-alpha [Unconjugated] |
| DYC1800-2 | HSP60 [Biotin] |

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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