

Product Datasheet

HSP60 Antibody (HSPD1/6496R)

NBP3-07194-100ug

Unit Size: 100 ug

Store at 4C.

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NBP3-07194-100ug

HSP60 Antibody (HSPD1/6496R)

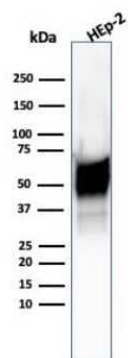
| Product Information | |
|-------------------------|--------------------------|
| Unit Size | 100 ug |
| Concentration | 0.2 mg/ml |
| Storage | Store at 4C. |
| Clonality | Monoclonal |
| Clone | HSPD1/6496R |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG |
| Purity | Protein A or G purified |
| Buffer | 10 mM PBS with 0.05% BSA |
| Target Molecular Weight | 60 kDa |

| Product Description | |
|-------------------------|--|
| Description | 200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA at 1.0 mg/ml. (NBP3-08938) Antibody with azide - store at 2 to 8C. |
| Host | Rabbit |
| Gene ID | 3329 |
| Gene Symbol | HSPD1 |
| Species | Human, Mouse, Rat, Porcine, Bovine, Canine, Chicken, Hamster, Monkey, Rabbit, Sheep |
| 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. Clone HSPD1/6496R, unlike LK2, recognizes only the mammalian (not bacterial) HSP60 and is useful in distinguishing HSP60 from mammals and bacteria. |
| Immunogen | Recombinant human full-length HSP60 protein (Uniprot: P10809) |

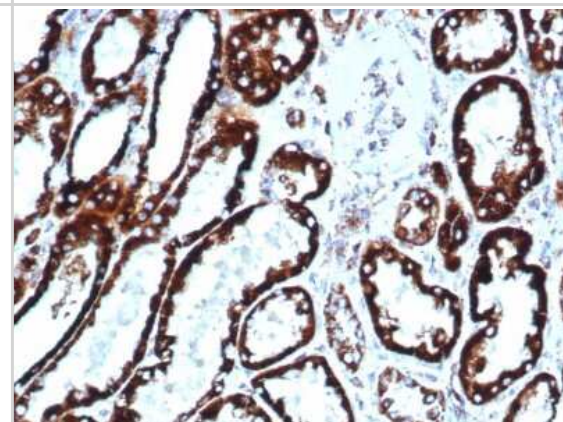
| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml |
| Application Notes | Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined. |

Images

Western Blot: HSP60 Antibody (HSPD1/6496R) [NBP3-07194] - Western blot analysis of Hep2 cell lysate using HSP60 Rabbit Recombinant Monoclonal Antibody (HSPD1/6496R).



Immunohistochemistry-Paraffin: HSP60 Antibody (HSPD1/6496R) [NBP3-07194] - Formalin-fixed, paraffin-embedded human liver stained with HSP60 Rabbit Recombinant Monoclonal Antibody (HSPD1/6496R).





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Products Related to NBP3-07194-100ug

| | |
|---------------|---|
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |
| NBP1-77397PEP | HSP60 Antibody Blocking Peptide |

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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