

# Product Datasheet

## HSP60 Antibody (HSPD1/780) - IHC-Prediluted NBP2-48187

Unit Size: 7 ml

Store at 4C.

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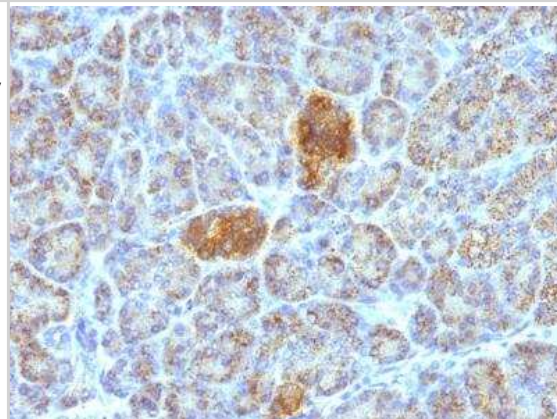


**NBP2-48187****HSP60 Antibody (HSPD1/780) - IHC-Prediluted**

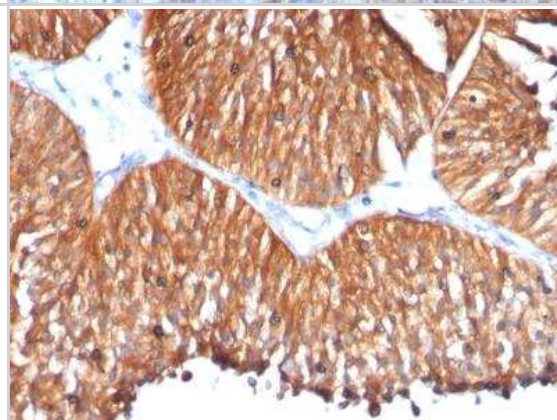
<b>Product Information</b>	
<b>Unit Size</b>	7 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	HSPD1/780
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	10 mM PBS with 0.05% BSA
<b>Target Molecular Weight</b>	60 kDa
<b>Product Description</b>	
<b>Description</b>	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining.
<b>Host</b>	Mouse
<b>Gene ID</b>	3329
<b>Gene Symbol</b>	HSPD1
<b>Species</b>	Human, Mouse, Rat, Porcine, Bovine, Canine, Chicken, Hamster, Monkey, Rabbit, Sheep
<b>Marker</b>	Mitochondrial Marker
<b>Specificity/Sensitivity</b>	Recognizes a 60kDa protein, identified as the heat shock protein 60 (hsp60). A wide variety of environmental and pathophysiological stressful conditions trigger the synthesis of a family of proteins known as heat shock proteins (hsps). 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.
<b>Immunogen</b>	Recombinant human HSP60 protein (Uniprot: P10809)
<b>Product Application Details</b>	
<b>Applications</b>	Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Application Notes</b>	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**

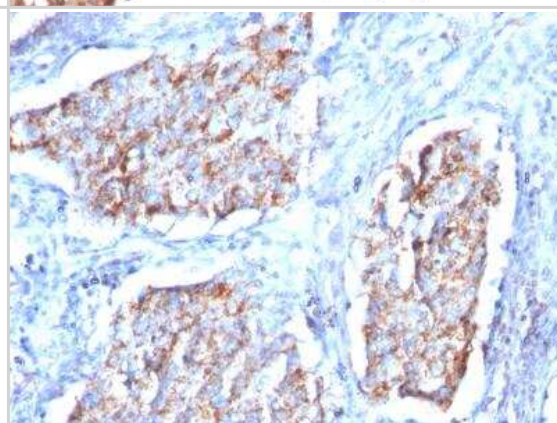
Immunohistochemistry-Paraffin: HSP60 Antibody (HSPD1/780) - IHC-Prediluted [NBP2-48187] - Formalin-fixed, paraffin-embedded human Pancreas stained with HSP60-Monospecific Mouse Monoclonal Antibody (HSPD1/780).



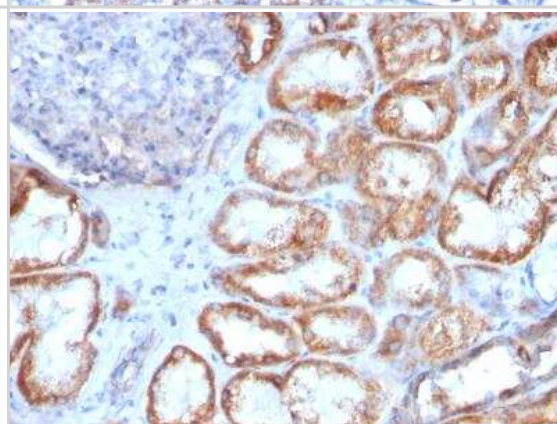
Immunohistochemistry-Paraffin: HSP60 Antibody (HSPD1/780) - IHC-Prediluted [NBP2-48187] - Formalin-fixed, paraffin-embedded human Bladder Carcinoma stained with HSP60 Mouse Monoclonal Antibody (HSPD1/780)



Immunohistochemistry-Paraffin: HSP60 Antibody (HSPD1/780) - IHC-Prediluted [NBP2-48187] - Formalin-fixed, paraffin-embedded human Lung Carcinoma stained with HSP60 Mouse Monoclonal Antibody (HSPD1/780)



Immunohistochemistry-Paraffin: HSP60 Antibody (HSPD1/780) - IHC-Prediluted [NBP2-48187] - Formalin-fixed, paraffin-embedded human Renal Cell Carcinoma stained with HSP60-Monospecific Mouse Monoclonal Antibody (HSPD1/780).





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### **Products Related to NBP2-48187**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP1-77397PEP	HSP60 Antibody Blocking Peptide

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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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