

Product Datasheet

HSP60 Antibody (LK1) - IHC-Prediluted NBP2-44754

Unit Size: 7 ml

Store at 4C.

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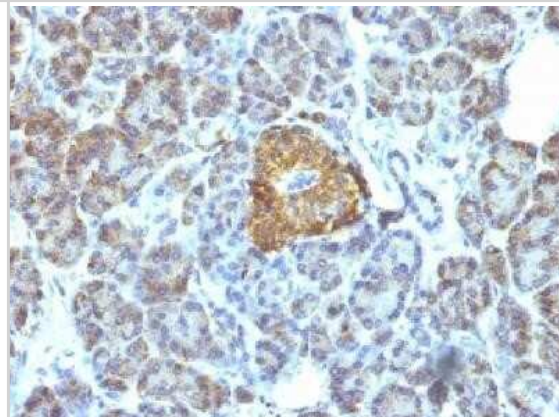
NBP2-44754

HSP60 Antibody (LK1) - IHC-Prediluted

Product Information	
Unit Size	7 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C.
Clonality	Monoclonal
Clone	LK1
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	60 kDa
Product Description	
Description	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining.
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)
Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin 0.5 - 1.0 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

Immunohistochemistry-Paraffin: HSP60 Antibody (LK1) - IHC-Prediluted [NBP2-44754] - Formalin-fixed paraffin-embedded human pancreas stained with HSP60 Monoclonal Antibody (LK1).



Immunohistochemistry-Paraffin: HSP60 Antibody (LK1) - IHC-Prediluted [NBP2-44754] - Formalin-fixed, paraffin-embedded human breast carcinoma stained with HSP60 MAb (LK1)





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Products Related to NBP2-44754

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

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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