

Product Datasheet

HSP60 Antibody (HSPD1/6496R) [mFluor Violet 450 SE] NBP3-08938MFV450

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP3-08938MFV450

HSP60 Antibody (HSPD1/6496R) [mFluor Violet 450 SE]

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	HSPD1/6496R
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	mFluor Violet 450 SE
Purity	Protein A or G purified
Buffer	50mM Sodium Borate

Product Description

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)
Notes	mFluor(TM) is a trademark of AAT Bioquest, Inc. 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-Paraffin
Recommended Dilutions	Western Blot, Immunohistochemistry-Paraffin
Application Notes	Optimal dilution of this antibody should be experimentally determined.



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Products Related to NBP3-08938MFV450

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
NBP2-24891MFV450	Rabbit IgG Isotype Control [mFluor Violet 450 SE]
NBP1-77396PEP	HSP60 Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]

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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