

# Product Datasheet

## HSP60 Antibody (LK2) [Janelia Fluor® 585] NBP2-34671JF585

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-34671JF585**

HSP60 Antibody (LK2) [Janelia Fluor® 585]

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	LK2
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Janelia Fluor 585
Purity	Protein A or G purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	3329
Gene Symbol	HSPD1
Species	Human, Mouse, Rat, <i>S. pyogenes</i> , Bacteria, Chicken, <i>E. coli</i> , Guinea Pig, Hamster, Invertebrate, Parasite, Plant, Monkey, Yeast
Reactivity Notes	<i>Borellia</i> , <i>Streptococcus pyogenes</i> , <i>Yersinia enterocolitica</i> , <i>Salmonella typhimurium</i> , <i>Treponema hyodysenteriae</i> , <i>Treponema innocense</i> , <i>Trichinella spiralis</i> , Helminths, and Spinach.
Marker	Mitochondrial Marker
Specificity/Sensitivity	Recognizes a 60kDa protein, identified as the heat shock protein 60 (HSP60). Its epitope is localized between aa 383-419 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 )
Notes	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.

Product Application Details	
Applications	Western Blot, Simple Western, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
Recommended Dilutions	Western Blot, Simple Western, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.



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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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