

# Product Datasheet

## HSP70/HSPA1A Antibody [Alexa Fluor® 488] NBP1-77455AF488

Unit Size: 0.1 ml

Store at 4C in the dark.

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

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**NBP1-77455AF488**

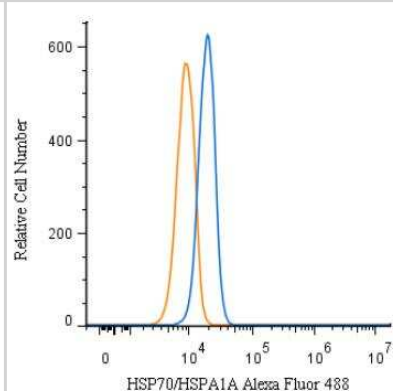
HSP70/HSPA1A Antibody [Alexa Fluor® 488]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Conjugate</b>	Alexa Fluor 488
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	3303
<b>Gene Symbol</b>	HSPA1A
<b>Species</b>	Human, Mouse
<b>Immunogen</b>	A synthetic peptide made to an internal portion of the human Hsp70 protein (between residues 550-600) [Uniprot: P08107]
<b>Notes</b>	Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@lifetech.com">outlicensing@lifetech.com</a> . 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.
<b>Product Application Details</b>	
<b>Applications</b>	Simple Western, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Simple Western, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



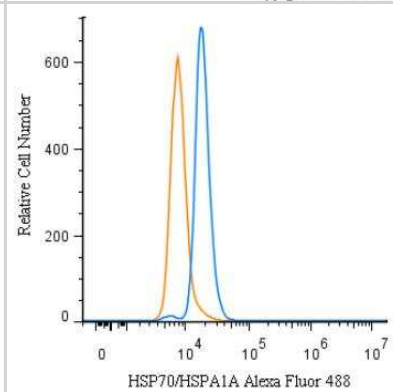
## Images

Flow Cytometry: HSP70/HSPA1A Antibody [Alexa Fluor® 488] [NBP1-77455AF488] - An intracellular stain was performed on Jurkat cells with HSP70/HSPA1A Antibody NBP1-77455AF488 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeablized with 0.1% saponin. Cells were incubated in an antibody dilution of 10 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 488.



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Flow Cytometry: HSP70/HSPA1A Antibody [Alexa Fluor® 488] [NBP1-77455AF488] - An intracellular stain was performed on A549 cells with HSP70/HSPA1A Antibody NBP1-77455AF488 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeablized with 0.1% saponin. Cells were incubated in an antibody dilution of 10 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 488.



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## Publications

Montes de Oca R, Alavi AS, Vitali N et al. Belantamab Mafodotin (GSK2857916) Drives Immunogenic Cell Death and Immune-mediated Antitumor Responses In Vivo Molecular Cancer Therapeutics 2021-10-01 [PMID: 34253590] (Flow Cytometry)



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### Products Related to NBP1-77455AF488

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NBP2-24982	Rabbit IgG Isotype Control [Alexa Fluor® 488]
NBP1-77455AF647	HSP70/HSPA1A Antibody [Alexa Fluor® 647]
NBP1-77456PEP	HSP70/HSPA1A Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]

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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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