

Product Datasheet

GRP78/HSPA5 Antibody [Alexa Fluor® 488] NBP1-06274AF488

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP1-06274AF488

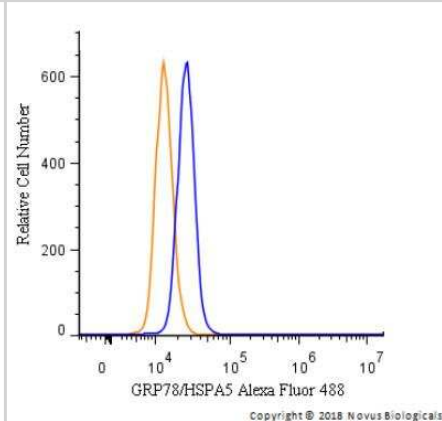
GRP78/HSPA5 Antibody [Alexa Fluor® 488]

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	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	Alexa Fluor 488
Purity	Immunogen affinity purified
Buffer	50mM Sodium Borate
Product Description	
Host	Rabbit
Gene ID	3309
Gene Symbol	HSPA5
Species	Human, Mouse, Rat, C. elegans, Chicken, Drosophila, Sheep, Zebrafish
Reactivity Notes	Use in Zebrafish reported in scientific literature (PMID:34327238) C. elegans reactivity reported in scientific literature (PMID: 31398187).
Marker	ER Stress Marker
Immunogen	Synthetic peptide made to an internal portion of human GRP78 (within residues 250-300). [Swiss-Prot# P11021]
Notes	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 outlicensing@lifetech.com . 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, Simple Western, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunohistochemistry Free-Floating
Recommended Dilutions	Western Blot, Simple Western, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry Free-Floating
Application Notes	Optimal dilution of this antibody should be experimentally determined.

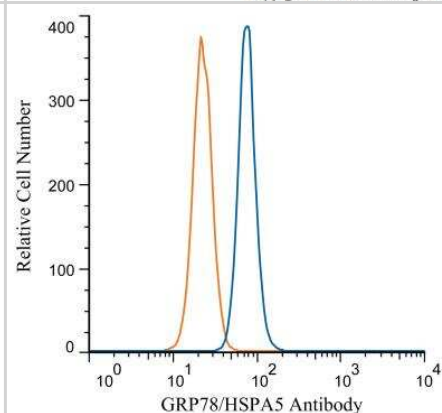


Images

Flow Cytometry: GRP78/HSPA5 Antibody [Alexa Fluor® 488] [NBP1-06274AF488] - An intracellular stain was performed on NIH3T3 cells with GRP78/HSPA5 Antibody NBP1-06274AF488 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 5 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 488.



Flow Cytometry: GRP78/HSPA5 Antibody [Alexa Fluor (R) 488] [NBP1-06274AF488] - An intracellular stain was performed on HeLa cells with GPR78/HSPA5 antibody NBP1-06274 (blue) and a matched isotype control NBP2-24893 (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. 1 microgram of antibody was added to 100 uL of staining buffer and cells were incubated for 30 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 488.





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Products Related to NBP1-06274AF488

NBP2-24982	Rabbit IgG Isotype Control [Alexa Fluor® 488]
NBP1-06274AF647	GRP78/HSPA5 Antibody [Alexa Fluor® 647]
H00003309-P01-10ug	Recombinant Human GRP78/HSPA5 GST (N-Term) Protein
NBP1-06274PEP	GRP78/HSPA5 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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