

Product Datasheet

Perilipin Antibody [Alexa Fluor® 488] NB110-40760AF488

Unit Size: 0.1 ml

Store at 4C in the dark.

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NB110-40760AF488

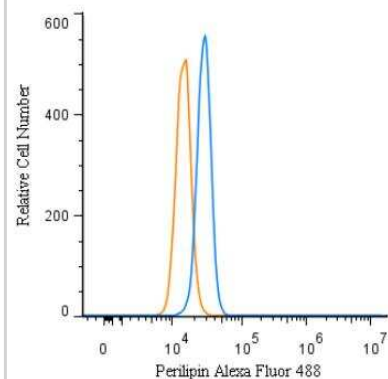
Perilipin Antibody [Alexa Fluor® 488]

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	5346
Gene Symbol	PLIN1
Species	Human, Mouse, Rat, Porcine, Fish
Reactivity Notes	Fish reactivity reported in scientific literature (PMID: 27012897).
Immunogen	This Perilipin Antibody was developed against a synthetic peptide made to a region between residues 450-522 (C-terminus) of the human Perilipin protein. [Swiss-Prot# O60240]
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, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Imaging Mass Cytometry
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Imaging Mass Cytometry
Application Notes	Optimal dilution of this antibody should be experimentally determined.

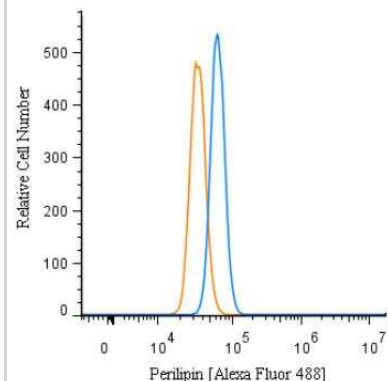


Images

Flow Cytometry: Perilipin Antibody [Alexa Fluor® 488] [NB110-40760AF488] - An intracellular stain was performed on U2OS cells with Perilipin Antibody NB110-40760AF488 (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: Perilipin Antibody [Alexa Fluor® 488] [NB110-40760AF488] - An intracellular stain was performed on MCF7 cells with Perilipin Antibody NB110-40760AF488 (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 10 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 488.



Publications

Kasza I, Kohn JP, Völzke H et al. Contrasting recruitment of skin-associated adipose depots during cold challenge of mouse and human *The Journal of Physiology* 2022-02-01 [PMID: 33724479] (Immunohistochemistry)

Finlin BS, Memetimin H, Confides AL et al. Human adipose beiging in response to cold and mirabegron. *JCI Insight* 2018-08-09 [PMID: 30089732] (IF/IHC, Human)

Details:

This citation used the Alexa Fluor 488 version of this antibody.



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Products Related to NB110-40760AF488

NBP2-24982	Rabbit IgG Isotype Control [Alexa Fluor® 488]
NB110-40760AF647	Perilipin Antibody [Alexa Fluor® 647]
NB110-40760PEP	Perilipin 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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