

Product Datasheet

NIR2 Antibody NB100-1417

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB100-1417**NIR2 Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

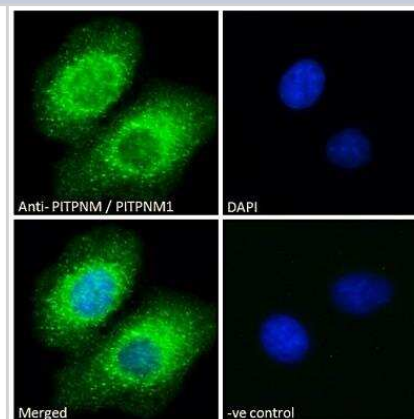
Product Description	
Description	Novus Biologicals Goat NIR2 Antibody (NB100-1417) is a polyclonal antibody validated for use in ELISA, Flow and ICC/IF. Anti-NIR2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	9600
Gene Symbol	PITPNM1
Species	Mouse
Specificity/Sensitivity	This antibody is expected to recognise both reported isoforms.
Immunogen	Peptide with sequence C-KARSISLKLDSEE corresponding to C-Terminus according to NP_004901.2, NP_001124320.1.

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Peptide ELISA
Recommended Dilutions	Flow Cytometry, Immunocytochemistry/ Immunofluorescence 10 ug/ml, Peptide ELISA Detection limit 1:8000
Application Notes	WB: An anonymous customer has reported a band at approx. 160 kDa band in lysates of a mouse Macrophage cell line after 2ug/ml antibody staining (calculated MW of 135 kDa band according to NP_004901.1). ICC: An anonymous customer has reported staining of vesicular cytoplasm in the same cell line.

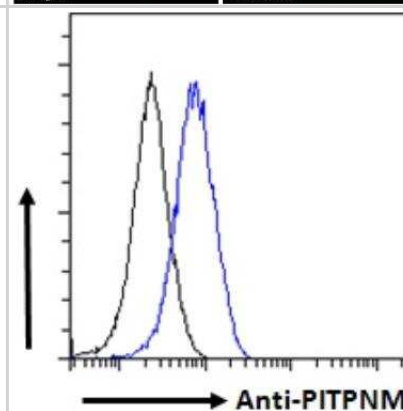


Images

Immunocytochemistry/Immunofluorescence: NIR2 Antibody [NB100-1417] - Immunofluorescence analysis of paraformaldehyde fixed A549 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing cytoplasmic and Endoplasmic Reticulum staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



Flow Cytometry: NIR2 Antibody [NB100-1417] - Flow cytometric analysis of paraformaldehyde fixed A549 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Publications

Lev S, Hernandez J, Martinez R et al. Identification of a novel family of targets of PYK2 related to Drosophila retinal degeneration B (rdgB) protein. Mol Cell Biol 1999-03-01 [PMID: 10022914]



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Products Related to NB100-1417

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP2-56687PEP	NIR2 Recombinant Protein Antigen

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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