

Product Datasheet

PSMF1 Antibody - Isoform 1

NB100-1178

Unit Size: 0.1 mg

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

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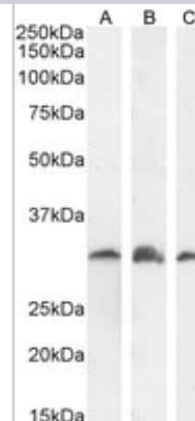
NB100-1178**PSMF1 Antibody - Isoform 1**

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	
Host	Goat
Gene ID	9491
Gene Symbol	PSMF1
Species	Human, Mouse, Rat
Specificity/Sensitivity	This antibody is expected to recognize isoform 1 (NP_006805.2 and NP_848693.2).
Immunogen	Peptide with sequence C-DHLPPPGYDDMYL corresponding to C-Terminus according to NP_006805.2.
Product Application Details	
Applications	Western Blot, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Peptide ELISA
Recommended Dilutions	Western Blot 0.3 - 1 ug/mL, Immunocytochemistry/ Immunofluorescence 10 ug/mL, Peptide ELISA Detection limit 1:32000, Flow (Intracellular)
Application Notes	Use in Flow-intracellular reported in scientific literature (PMID: 19015396).

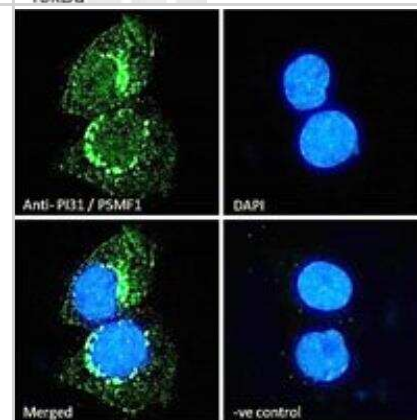


Images

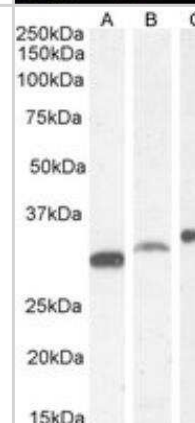
Western Blot: PSMF1 Antibody - Isoform 1 [NB100-1178] - Staining of KNRK (A), NIH3T3 (B) with antibody at 1 ug/mL and Neuro2a (C) cell lysate with 0.3 ug/mL (35 ug protein in RIPA buffer). Detected by chemiluminescence.



Immunocytochemistry/Immunofluorescence: PSMF1 Antibody - Isoform 1 [NB100-1178] - Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing endoplasmic reticulum and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



Western Blot: PSMF1 Antibody - Isoform 1 [NB100-1178] - Staining of HEK293 (A), K562 (B) with antibody at 0.3 ug/mL and LNCaP (C) cell lysate with 1 ug/mL (35 ug protein in RIPA buffer). Detected by chemiluminescence.



Publications

McCutchen-Maloney SL, Matsuda K, Shimbara N et al. cDNA cloning, expression, and functional characterization of PI31, a proline-rich inhibitor of the proteasome. J Biol Chem 2000-06-16 [PMID: 10764772]

Sadaka C, Marloie-Provost MA, Soumelis V, Benaroch P. Developmental regulation of MHC II expression and transport in human plasmacytoid-derived dendritic cells. Blood. 2009-03-05 [PMID: 19015396] (Flow Cytometry Control)

Details:

Human pDC cells were pre-incubated with IMG-2000, Fig. 7.



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Products Related to NB100-1178

NB820-59231	Human Kidney Whole Tissue Lysate (Adult Whole Normal)
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

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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