

Product Datasheet

PSMF1 Antibody - Isoform 1 NB100-1178

Unit Size: 0.1 mg

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

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Publications: 2

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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 |

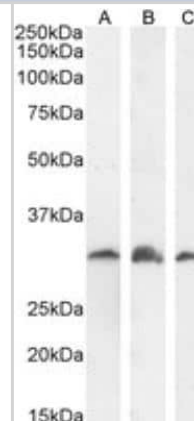
| Product Description | |
|--------------------------------|--|
| Description | Novus Biologicals Goat PSMF1 Antibody - Isoform 1 (NB100-1178) is a polyclonal antibody validated for use in WB, ELISA, Flow and ICC/IF. Anti-PSMF1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| 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). |

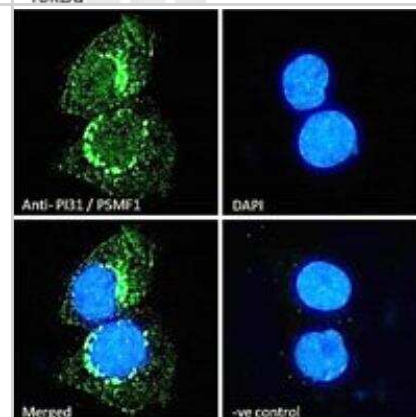


Images

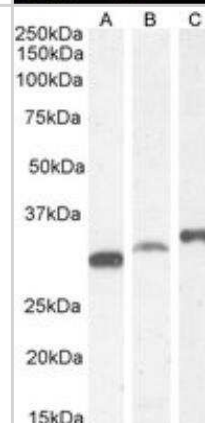
Western Blot: PSMF1 Antibody - Isoform 1 [NB100-1178] - Staining of KNRK (A), NIH3T3 (B) with antibody at 1 ug/mL and Neuro2a (C) cell lysate with 0.3 ug/mL (35 ug protein in RIPA buffer). Detected by chemiluminescence.



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) |
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| 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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