

# Product Datasheet

## PSMD11 Antibody (1F4) - BSA Free NBP1-30252

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP1-30252**

PSMD11 Antibody (1F4) - BSA Free

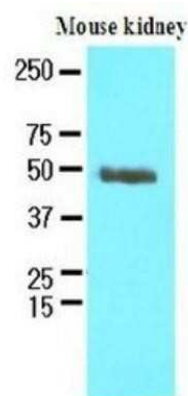
| Product Information     |                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------|
| Unit Size               | 0.1 ml                                                                                 |
| Concentration           | 1.0 mg/ml                                                                              |
| Storage                 | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality               | Monoclonal                                                                             |
| Clone                   | 1F4                                                                                    |
| Preservative            | 0.02% Sodium Azide                                                                     |
| Isotype                 | IgG1 Kappa                                                                             |
| Purity                  | Protein G purified                                                                     |
| Buffer                  | PBS (pH 7.4), 10% Glycerol                                                             |
| Target Molecular Weight | 47.5 kDa                                                                               |

| Product Description |                                                                                                                                                                                                                                                                                                                   |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | Novus Biologicals Mouse PSMD11 Antibody (1F4) - BSA Free (NBP1-30252) is a monoclonal antibody validated for use in WB and ELISA. Anti-PSMD11 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.                                                              |
| Host                | Mouse                                                                                                                                                                                                                                                                                                             |
| Gene ID             | 5717                                                                                                                                                                                                                                                                                                              |
| Gene Symbol         | PSMD11                                                                                                                                                                                                                                                                                                            |
| Species             | Human, Mouse, C. elegans                                                                                                                                                                                                                                                                                          |
| Reactivity Notes    | C. elegans reactivity reported in scientific literature (PMID: 22922647). Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information. |
| Immunogen           | Recombinant human PSMD11 (1-422aa) purified from E. coli (NP_002806).                                                                                                                                                                                                                                             |

| Product Application Details |                                               |
|-----------------------------|-----------------------------------------------|
| Applications                | Western Blot, ELISA                           |
| Recommended Dilutions       | Western Blot 1:250-1:1000, ELISA 1:100-1:2000 |

**Images**

Western Blot: PSMD11 Antibody (1F4) [NBP1-30252] - The extracts of mouse kidney (60ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human PSMD11 (1:250). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.



## Publications

Vilchez D, Boyer L, Morantte I et al. Increased proteasome activity in human embryonic stem cells is regulated by PSMD11 Nature 2012-09-13 [PMID: 22972301] (WB, Human)

Vilchez D, Morantte I, Liu Z et al. RPN-6 determines C. elegans longevity under proteotoxic stress conditions Nature 2012-09-13 [PMID: 22922647] (WB, C. elegans)

Liu Z, Lee J, Krummey S et al. The kinase LRRK2 is a regulator of the transcription factor NFAT that modulates the severity of inflammatory bowel disease. Nat Immunol;12(11):1063-1070. 2011-01-01 [PMID: 21983832]





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### **Products Related to NBP1-30252**

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|                  |                                                         |
|------------------|---------------------------------------------------------|
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B          | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-43319-0.5mg | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)           |
| NBP2-23372       | Recombinant Human PSMD11 His Protein                    |

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### **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](http://www.novusbio.com/guarantee)

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