

# Product Datasheet

## PSTPIP1 Antibody (1D5) - Azide and BSA Free H00009051-M02

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00009051-M02**

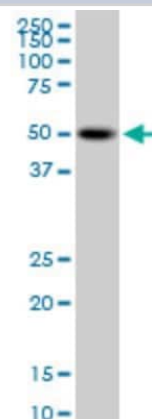
PSTPIP1 Antibody (1D5) - Azide and BSA Free

| Product Information         |   |
|-----------------------------|---|
| Unit Size                   | 0.1 mg  |
| Concentration               | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.  |
| Storage                     | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.  |
| Clonality                   | Monoclonal  |
| Clone                       | 1D5   |
| Preservative                | No Preservative   |
| Isotype                     | IgG2b Kappa   |
| Purity                      | Protein A purified  |
| Buffer                      | In 1x PBS, pH 7.4   |
| Product Description         |   |
| Description                 | Quality control test: Antibody Reactive Against Recombinant Protein.  |
| Host                        | Mouse   |
| Gene ID                     | 9051  |
| Gene Symbol                 | PSTPIP1   |
| Species                     | Human, Mouse  |
| Reactivity Notes            | 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.   |
| Specificity/Sensitivity     | Reacts with proline-serine-threonine phosphatase interacting protein 1.   |
| Immunogen                   | PSTPIP1 (AAH08602, 1 a.a. ~ 416 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.<br>MMPQLQFKDAFWCRDFTAHTGYEVLLQRLLDGRKMCKDMEELLRQRAQAE<br>RYGKELVQIARKAGGQTEINSLRASFDLSKQQMENVGSSHIQLALTLREELRSL<br>EEFRERQKEQRKKYEAVMDRVQKSKLSLYKKAMESKKTYEQKCRDADDAEQ<br>FERISANGHQKQVEKSQNKARQCKDSATEAERVYRQSIAQLEKVRAEWEQEH<br>RTTCEAFQLQEFDRILTILRNALWVHSNQLSMQCVKDDELYEEVRLTLEGCSIDA<br>DIDFSIAKSTGTEPPAPVPYQNYDREVTPLTSSPGIQPSCGMIKRFSGLLHG<br>SPKTTSLAASAASTETLTPTPERNEGVTYTAIAVQEIQGNPASPAQEYRALYDYT<br>AQNPDDELDSAGDILEVILEGEDGWWTVERNQQRGFVPGSYLEKL |
| Notes                       | This product is produced by and distributed for Abnova, a company based in Taiwan.  |
| Product Application Details |   |
| Applications                | Western Blot, ELISA   |
| Recommended Dilutions       | Western Blot, ELISA   |
| Application Notes           | Antibody reactivity against cell lysate in WB and recombinant protein in ELISA.   |

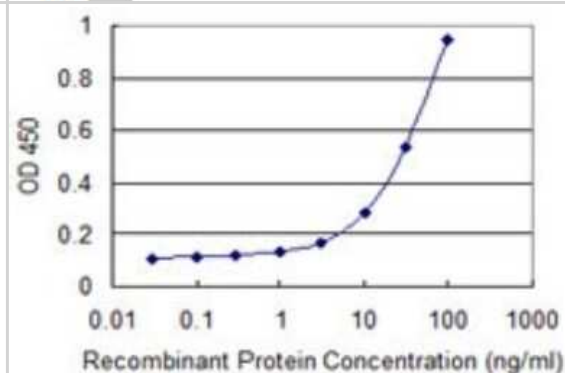


## Images

Western Blot: PSTPIP1 Antibody (1D5) [H00009051-M02] - PSTPIP1 monoclonal antibody (M02), clone 1D5. Analysis of PSTPIP1 expression in Raw 264.7.



ELISA: PSTPIP1 Antibody (1D5) [H00009051-M02] - Detection limit for recombinant GST tagged PSTPIP1 is 1 ng/ml as a capture antibody.



## Publications

Moghaddas F, Llamas R, De Nardo D et al. A novel Pyrin-Associated Autoinflammation with Neutrophilic Dermatitis mutation further defines 14-3-3 binding of pyrin and distinction to Familial Mediterranean Fever. *Ann Rheum Dis* 2017 -08-23 [PMID: 28835462]

Sztacho M, Segeletz S, Sanchez-Fernandez MA et al. BAR Proteins PSTPIP1/2 Regulate Podosome Dynamics and the Resorption Activity of Osteoclasts. *PLoS One* 2016-10-19 [PMID: 27760174]



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### **Products Related to H00009051-M02**

|                  |   |
|------------------|---|
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B          | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-43317-0.5mg | Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)    |
| NBP2-23369       | Recombinant Human PSTPIP1 His Protein                   |

### **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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