

# Product Datasheet

## PSMA4 Antibody (2A10-E4) - Azide and BSA Free H00005685-M01

Unit Size: 0.1 mg

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

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**H00005685-M01**

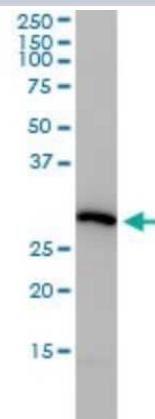
PSMA4 Antibody (2A10-E4) - Azide and BSA Free

| 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                       | 2A10-E4                                                                                                                                                                                                                                                                                                                                                                                                     |
| Preservative                | No Preservative                                                                                                                                                                                                                                                                                                                                                                                             |
| Isotype                     | IgG2b Kappa                                                                                                                                                                                                                                                                                                                                                                                                 |
| Purity                      | IgG purified                                                                                                                                                                                                                                                                                                                                                                                                |
| Buffer                      | In 1x PBS, pH 7.4                                                                                                                                                                                                                                                                                                                                                                                           |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                             |
| Description                 | Quality control test: Antibody Reactive Against Recombinant Protein.                                                                                                                                                                                                                                                                                                                                        |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                                                                                                                       |
| Gene ID                     | 5685                                                                                                                                                                                                                                                                                                                                                                                                        |
| Gene Symbol                 | PSMA4                                                                                                                                                                                                                                                                                                                                                                                                       |
| Species                     | Human                                                                                                                                                                                                                                                                                                                                                                                                       |
| Specificity/Sensitivity     | PSMA4 - proteasome (prosome, macropain) subunit, alpha type, 4                                                                                                                                                                                                                                                                                                                                              |
| Immunogen                   | PSMA4 (AAH05361, 1 a.a. ~ 261 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.<br>MSRRYDSRTTIFSPGRLYQVEYAMEAIGHAGTCLGILANDGVLLAAERRNIHK<br>LLDEVFFSEKIYKLNEDMACSVAGITSDANVLTNELRLIAQRYLLQYQEPIPCQ<br>LVTALCDIKQAYTQFGGKRPFVSVLLYIGWDKHYGFQLYQSDPSGNYGGWKA<br>TCIGNNSAAAVSMLKQDYKEGEMTLKSALALAIKVLNKTMDVSKLSAEKVEIATL<br>TRENGKTVIRVLKQKEVEQLIKKHEEEEEAKAEREKKEKEQKEKDK |
| Notes                       | This product is produced by and distributed for Abnova, a company based in Taiwan.                                                                                                                                                                                                                                                                                                                          |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                             |
| Applications                | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA                                                                                                                                                                                                                                                                                                                                |
| Recommended Dilutions       | Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA                                                                                                                                                                                                                                                                                                                          |
| Application Notes           | Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF and ELISA.                                                                                                                                                                                                                                                                                             |

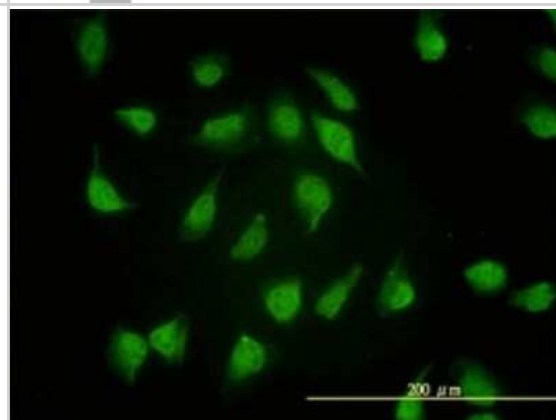


## Images

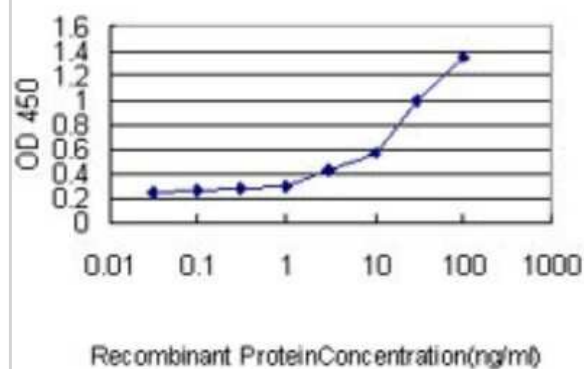
Western Blot: PSMA4 Antibody (2A10-E4) [H00005685-M01] - PSMA4 monoclonal antibody (M01), clone 2A10-E4 Analysis of PSMA4 expression in Hela.



Immunocytochemistry/Immunofluorescence: PSMA4 Antibody (2A10-E4) [H00005685-M01] - Analysis of monoclonal antibody to PSMA4 on HeLa cell. Antibody concentration 10 ug/ml.



Sandwich ELISA: PSMA4 Antibody (2A10-E4) [H00005685-M01] - Detection limit for recombinant GST tagged PSMA4 is approximately 3ng/ml as a capture antibody.





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### **Products Related to H00005685-M01**

|                  |                                                         |
|------------------|---------------------------------------------------------|
| 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)    |
| NBP1-78849-100ug | Recombinant Human PSMA4 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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