

# Product Datasheet

## Protease Inhibitor 15 Antibody (3B5) - Azide and BSA Free H00051050-M02

Unit Size: 0.1 mg

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

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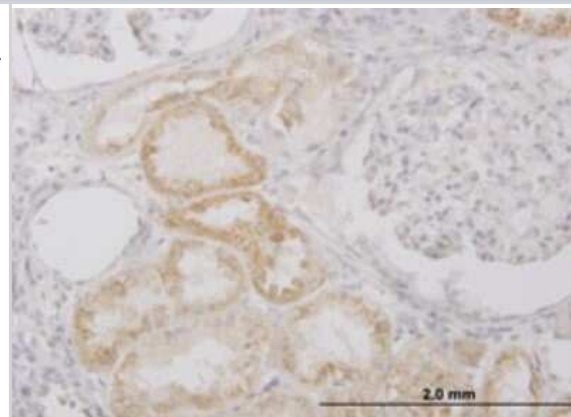
**H00051050-M02****Protease Inhibitor 15 Antibody (3B5) - Azide and BSA Free**

| <b>Product Information</b>         |                                                                                                                                                                                                                                        |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>                   | 0.1 mg                                                                                                                                                                                                                                 |
| <b>Concentration</b>               | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.                                                                                                                       |
| <b>Storage</b>                     | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.                                                                                                                                                                           |
| <b>Clonality</b>                   | Monoclonal                                                                                                                                                                                                                             |
| <b>Clone</b>                       | 3B5                                                                                                                                                                                                                                    |
| <b>Preservative</b>                | No Preservative                                                                                                                                                                                                                        |
| <b>Isotype</b>                     | IgG1 Kappa                                                                                                                                                                                                                             |
| <b>Purity</b>                      | IgG purified                                                                                                                                                                                                                           |
| <b>Buffer</b>                      | In 1x PBS, pH 7.4                                                                                                                                                                                                                      |
| <b>Product Description</b>         |                                                                                                                                                                                                                                        |
| <b>Description</b>                 | Novus Biologicals Mouse Protease Inhibitor 15 Antibody (3B5) - Azide and BSA Free (H00051050-M02) is a monoclonal antibody validated for use in IHC, WB and ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>                        | Mouse                                                                                                                                                                                                                                  |
| <b>Gene ID</b>                     | 51050                                                                                                                                                                                                                                  |
| <b>Gene Symbol</b>                 | PI15                                                                                                                                                                                                                                   |
| <b>Species</b>                     | Human                                                                                                                                                                                                                                  |
| <b>Reactivity Notes</b>            | Human. Other species not tested.                                                                                                                                                                                                       |
| <b>Specificity/Sensitivity</b>     | PI15 (3B5)                                                                                                                                                                                                                             |
| <b>Immunogen</b>                   | PI15 (NP_056970, 18 a.a. ~ 117 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.<br>EASTVVLLNSTDSSPPTNNFTDIEAALKAQLDSADIPKARRKRYISQNDMIAILDY<br>HNQVRGKVFPPAANMEYMWVDENLAKSAEAWAATCIWDHGPSYL           |
| <b>Notes</b>                       | This product is produced by and distributed for Abnova, a company based in Taiwan.                                                                                                                                                     |
| <b>Product Application Details</b> |                                                                                                                                                                                                                                        |
| <b>Applications</b>                | Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunohistochemistry, Sandwich ELISA                                                                                                                                               |
| <b>Recommended Dilutions</b>       | Western Blot 1:500, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA                                                                                                                                         |
| <b>Application Notes</b>           | Antibody reactive against recombinant protein for Western Blot. Has also been used for immunohistochemistry (paraffin) and ELISA.                                                                                                      |

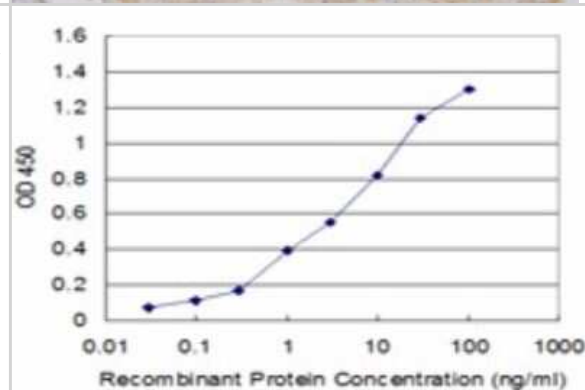


## Images

Immunohistochemistry-Paraffin: Protease Inhibitor 15 Antibody (3B5) [H00051050-M02] - Analysis of monoclonal antibody to PI15 on formalin-fixed paraffin-embedded human kidney. Antibody concentration 3 ug/ml.



Sandwich ELISA: Protease Inhibitor 15 Antibody (3B5) [H00051050-M02] - Detection limit for recombinant GST tagged PI15 is approximately 0.1ng/ml as a capture antibody.





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### **Products Related to H00051050-M02**

|                    |                                                              |
|--------------------|--------------------------------------------------------------|
| 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)                |
| H00051050-P01-10ug | Recombinant Human Protease Inhibitor 15 GST (N-Term) 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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