

# Product Datasheet

## HspA1B Antibody (2D11) - Azide and BSA Free H00003304-M05

Unit Size: 0.1 mg

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

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**H00003304-M05**

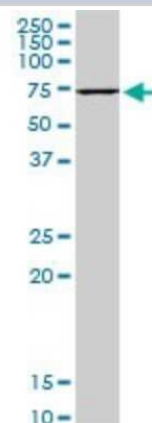
HspA1B Antibody (2D11) - Azide and BSA Free

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	2D11
Preservative	No Preservative
Isotype	IgG2a 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	3304
Gene Symbol	HSPA1B
Species	Human, Mouse, Rat
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	HSPA1B - heat shock 70kDa protein 1B, (2D11)
Immunogen	HSPA1B (NP_005336, 531 a.a. ~ 611 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. VQRERVSAKNALESYAFNMKSAVEDEGLKGKISEADKKKVLDKCQEVISWLDA NTLAEKDEFEHKRKELEQVCNPIISGLY
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Proximity Ligation Assay
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Proximity Ligation Assay
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for ELISA and IHC-P.

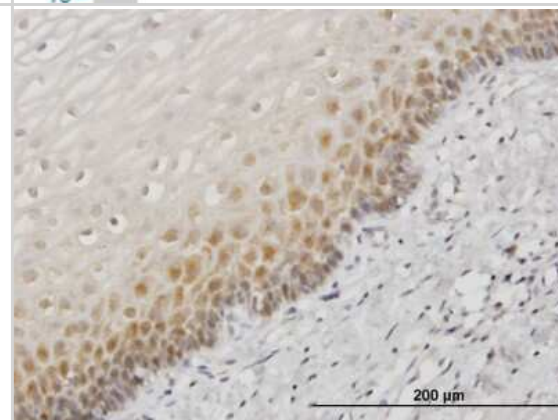


## Images

Western Blot: HspA1B Antibody (2D11) [H00003304-M05] - Analysis of HSPA1B expression in NIH/3T3 (Cat # L018V1).



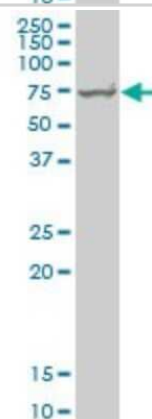
Immunohistochemistry-Paraffin: HspA1B Antibody (2D11) [H00003304-M05] - Analysis of monoclonal antibody to HSPA1B on formalin-fixed paraffin-embedded human esophagus. Antibody concentration 3 ug/ml



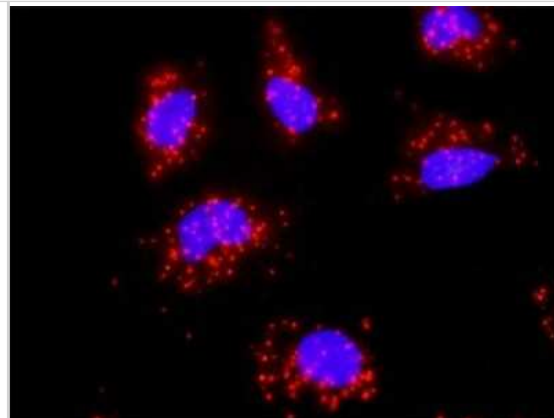
Western Blot: HspA1B Antibody (2D11) [H00003304-M05] - Analysis of HSPA1B expression in PC-12 (Cat # L012V1).



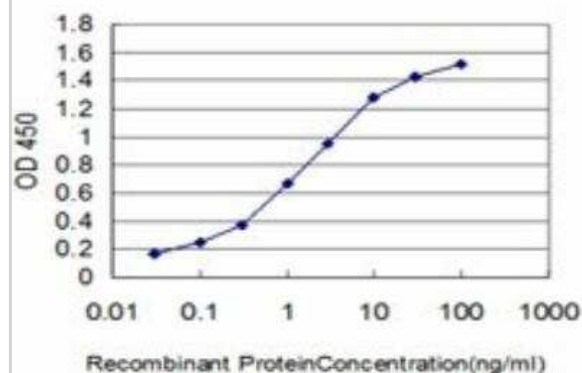
Western Blot: HspA1B Antibody (2D11) [H00003304-M05] - Analysis of HSPA1B expression in Hela S3 NE (Cat # L013V3).



Proximity Ligation Assay: HspA1B Antibody (2D11) [H00003304-M05] - Analysis of protein-protein interactions between EGFR and HSPA1B. HeLa cells were stained with anti-EGFR rabbit purified polyclonal 1:1200 and anti-HSPA1B mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction



ELISA: HspA1B Antibody (2D11) [H00003304-M05] - Detection limit for recombinant GST tagged HSPA1B is approximately 0.03ng/ml as a capture antibody.





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### **Products Related to H00003304-M05**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
H00003304-Q01-10ug	Recombinant Human HspA1B GST (N-Term) 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.

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