

# Product Datasheet

## Hsp47 Antibody (1D2-1A6) - Azide and BSA Free H00000871-M01

Unit Size: 0.1 mg

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

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**H00000871-M01**

Hsp47 Antibody (1D2-1A6) - Azide and BSA Free

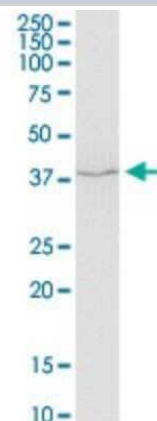
Product Information	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	1D2-1A6
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4

Product Description	
<b>Description</b>	Quality control test: Antibody Reactive Against Recombinant Protein.
<b>Host</b>	Mouse
<b>Gene ID</b>	871
<b>Gene Symbol</b>	SERPINH1
<b>Species</b>	Human, Rat
<b>Specificity/Sensitivity</b>	SERPINH1 - serine (or cysteine) proteinase inhibitor, clade H (heat shock protein 47), member 1, (collagen binding protein 1)
<b>Immunogen</b>	SERPINH1 (AAH14623.1, 1 a.a. ~ 418 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MRSLLLLSAFCLLEAALAAEVKKPAAAAAPGTAEKLSPKAATLAERSAGLAFSLY QAMAKDQAVENILVSPVVVASSLGLVSLGGKATTASQAKAVLSAEQLRDEEVH AGLGELLRSLNSTARNVTWKLGSRLYGPSSVSFADDFVRSSKQHYNCEHSKI NFRDKRSALQSINEWAAQTDDGKLPEVTKDVERTDGALLVAMFFKPHWDEK FHHKMVDNRGFMVTRSYTVGVMMMHRTGLYNYDDEKEKLQIVEMPLAHKLS SLIILMPHHVEPLERLEKLLTKEQLKIWMGKMQKKAVAISLPKGVVEVTHDLQKH LAGLGLTEAIDKNKADLSRMSGKKDLYLASVFHATAFELDTDGNPFDQDIYGRE ELRSPKLFYADHPFIFLVRDTQSGSLLFIGRLVRPKGDKMRDEL
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.

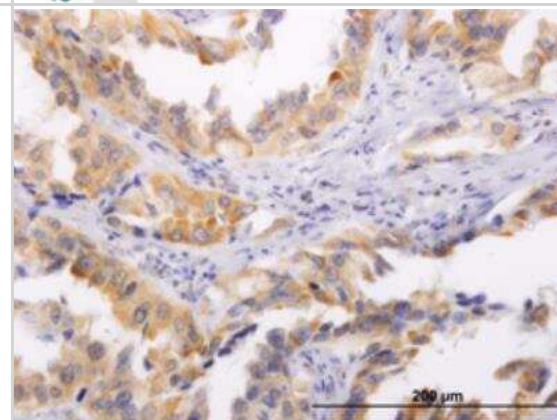
Product Application Details	
<b>Applications</b>	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA
<b>Application Notes</b>	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IHC-P and ELISA.

## Images

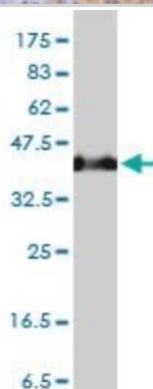
Western Blot: Hsp47 Antibody (1D2-1A6) [H00000871-M01] - SERPINH1 monoclonal antibody (M01), clone S2. Analysis of SERPINH1 expression in rat brain.



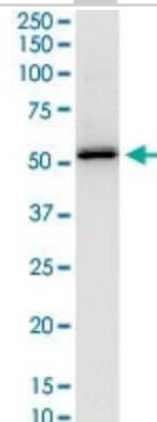
Immunohistochemistry-Paraffin: Hsp47 Antibody (1D2-1A6) [H00000871-M01] - Immunoperoxidase of monoclonal antibody to SERPINH1 on formalin-fixed paraffin-embedded human ovary cancer. [antibody concentration 5 ug/ml]



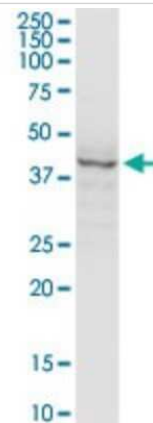
Western Blot: Hsp47 Antibody (1D2-1A6) [H00000871-M01] - SERPINH1 monoclonal antibody (M01), clone S2 Analysis of SERPINH1 expression in HeLa.



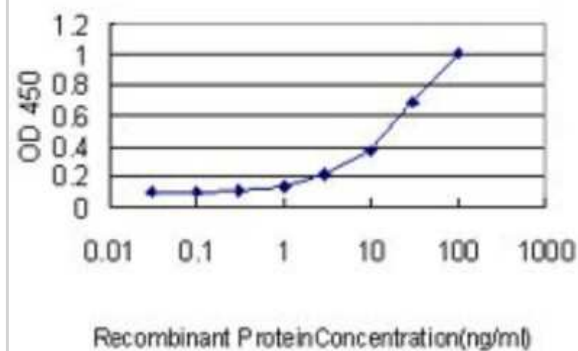
Western Blot: Hsp47 Antibody (1D2-1A6) [H00000871-M01] - SERPINH1 monoclonal antibody (M01), clone S2. Analysis of SERPINH1 expression in MCF-7.



Western Blot: Hsp47 Antibody (1D2-1A6) [H00000871-M01] - SERPINH1 monoclonal antibody (M01), clone S2. Analysis of SERPINH1 expression in human pancreas.



Sandwich ELISA: Hsp47 Antibody (1D2-1A6) [H00000871-M01] - Detection limit for recombinant GST tagged SERPINH1 is approximately 0.1 ng/ml as a capture antibody.





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### **Products Related to H0000871-M01**

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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)
NBP1-88172PEP	Hsp47 Recombinant Protein Antigen

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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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