

# Product Datasheet

## Annexin V Antibody (1F4-1A5) - Azide and BSA Free H00000308-M01

Unit Size: 0.1 mg

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

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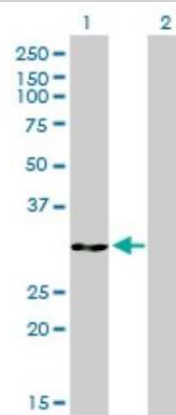
**H00000308-M01**

Annexin V Antibody (1F4-1A5) - Azide and BSA Free

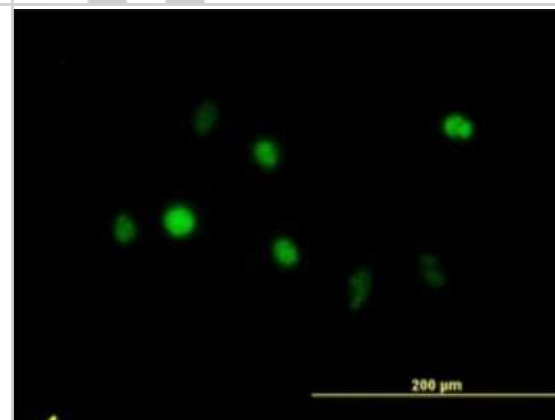
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	1F4-1A5
<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>	Quality control test: Antibody Reactive Against Recombinant Protein.
<b>Host</b>	Mouse
<b>Gene ID</b>	308
<b>Gene Symbol</b>	ANXA5
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	ANXA5 - annexin A5
<b>Immunogen</b>	ANXA5 (AAH01429, 1 a.a. ~ 320 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MAQVLRGTVTDFPGFDERADAETLRKAMKGLGTDEESILTLLTSRSNAQRQEIS AAFKTLFGRDLLDDLKSELTKFEKLIVALMKPSRLYDAYELKHALKGAGTNEK VLTEIIASRTPEELRAIKQVYEEYGSSLEDDVVGDTSGYYQRMLVLLQANRD PDAGIDEAQVEQDAQALFQAGELKWGTDEEKFITIFGTRSVSHLRKVFVKYMTI SGFQIEETIDRETSGNLEQLLLAVVKSIRSIPAYLAETLYYAMKGAGTDDHTLIRV MVSRSSEIDLFNIRKEFRKNFATSLYSMIKGDTSYKALLLLCGEDD
<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, Simple Western, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500, Simple Western 1:25, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 10 ug/ml, Immunoprecipitation, Immunohistochemistry-Paraffin 3 ug/ml
<b>Application Notes</b>	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF, IHC-P and ELISA.

## Images

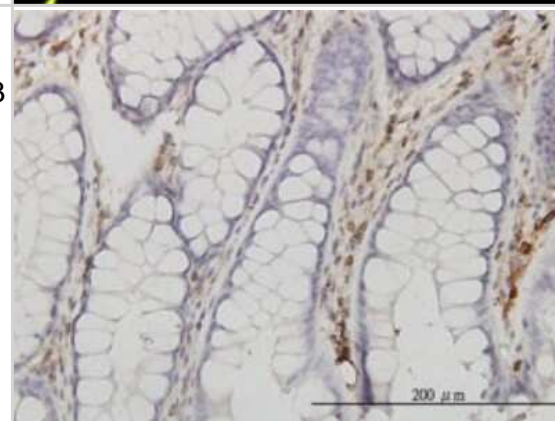
Western Blot: Annexin V Antibody (1F4-1A5) [H00000308-M01] - Analysis of ANXA5 expression in transfected 293T cell line by ANXA5 monoclonal antibody (M01), clone 1F4-1A5. Lane 1: ANXA5 transfected lysate (35.9 KDa). Lane 2: Non-transfected lysate.



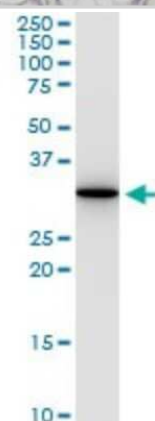
Immunocytochemistry/Immunofluorescence: Annexin V Antibody (1F4-1A5) [H00000308-M01] - Analysis of monoclonal antibody to ANXA5 on HeLa cell. Antibody concentration 10 ug/ml.



Immunohistochemistry-Paraffin: Annexin V Antibody (1F4-1A5) [H00000308-M01] - Analysis of monoclonal antibody to ANXA5 on formalin-fixed paraffin-embedded human colon. Antibody concentration 3 ug/ml.



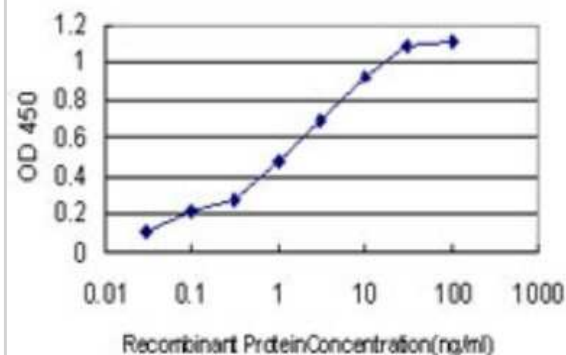
Western Blot: Annexin V Antibody (1F4-1A5) [H00000308-M01] - ANXA5 monoclonal antibody (M01), clone 1F4-1A5. Analysis of ANXA5 expression in HeLa.



Immunoprecipitation: Annexin V Antibody (1F4-1A5) [H00000308-M01] - Analysis of ANXA5 transfected lysate using anti-ANXA5 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with ANXA5 MaxPab rabbit polyclonal antibody.



ELISA: Annexin V Antibody (1F4-1A5) [H00000308-M01] - Detection limit for recombinant GST tagged ANXA5 is approximately 0.03ng/ml as a capture antibody.



## Publications

Liang S, Singh M, Gam LH. The Differential Expression of Aqueous Soluble Proteins in Breast Normal and Cancerous Tissues in Relation to Stage and Grade of Patients. *J Biomed Biotechnol.* 2010-01-01 [PMID: 21197096]

Shui HA, Hsia CW, Chen HM et al. Proteomics and bioinformatics analysis of lovastatin-induced differentiation in ARO cells. *J Proteomics.* 2011-10-28 [PMID: 22086082]

Zhou D, Luo N, Wu Q et al. Transcellular distribution heterogeneity of Annexin A5 represents a protective response to lupus-related thrombophilia: A pilot Proteomics-based study. *Biochem Biophys Res Commun.* 2012-03-08 [PMID: 22425772]



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### **Products Related to H0000308-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)
NBP1-30265	Recombinant Human Annexin V 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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