

# Product Datasheet

## Annexin A3 Antibody (4F1) - Azide and BSA Free H00000306-M12

Unit Size: 0.1 mg

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

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Updated 2/21/2025 v.20.1

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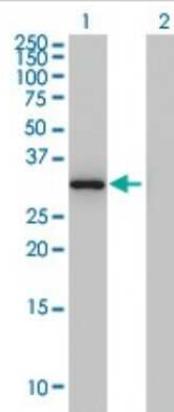
**H00000306-M12**

Annexin A3 Antibody (4F1) - Azide and BSA Free

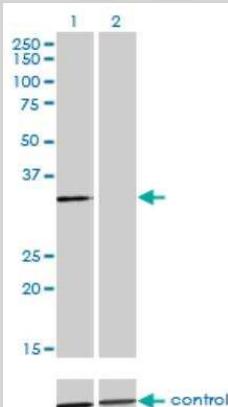
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	4F1
<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>	306
<b>Gene Symbol</b>	ANXA3
<b>Species</b>	Human, Mouse
<b>Specificity/Sensitivity</b>	ANXA3 (4F1)
<b>Immunogen</b>	ANXA3 (AAH00871, 1 a.a. ~ 323 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MASIWVGHRTVDRDYPDFSPSVDAEAIQKAIRGIGTDEKMLISILTERSNAQRQL IVKEYQAAYGKELKDDLKGDLSGHFEHLMVALVTPPAVFDKQLKKSMKGAGT NEDALIEILTRTSRQMKDISQAYYTVYKKS LGDDISSETSGDFRKALLTLADGR RDESLKVDEHLAKQDAQILYKAGENRWGTDEDKFTEILCLRSFPQLKLTDFEYR NISQKDIVDSIKGELSGHFEDLLLAINCVRNTPAFLAERLHRALKGIGTDEFTLN RIMVSRSEIDLLDIRTEFKKHGYSLSAIAKSDTSGDYEITLLKICGGDD
<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, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Knockdown Validated
<b>Application Notes</b>	Antibody reactivity against transfected lysate and recombinant protein for WB. It has been used for RNAi Validation and ELISA.

## Images

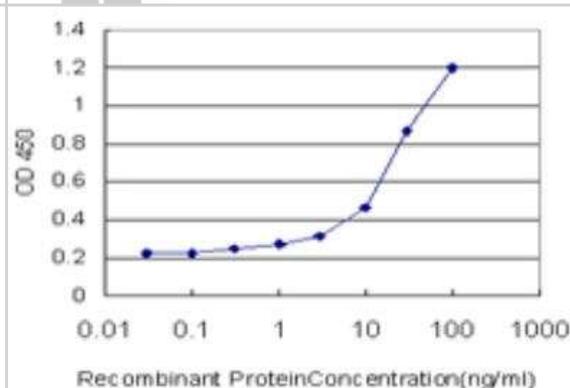
Western Blot: Annexin A3 Antibody (4F1) [H00000306-M12] - Analysis of ANXA3 expression in transfected 293T cell line by ANXA3 monoclonal antibody (M12), clone 4F1. Lane 1: ANXA3 transfected lysate (37.145 kDa). Lane 2: Non-transfected lysate.



Western Blot: Annexin A3 Antibody (4F1) [H00000306-M12] - Western blot analysis of ANXA3 over-expressed 293 cell line. Lane 2 cotransfected with ANXA3 Validated Chimera RNAi Lane 1 non-transfected control. Blot probed with H00000306-M12. GAPDH (36.1 kDa) used as loading control.



ELISA: Annexin A3 Antibody (4F1) [H00000306-M12] - Detection limit for recombinant GST tagged ANXA3 is approximately 1ng/ml as a capture antibody.



## Publications

Hojun K, Sungwook P, In J et al. Noninvasive Precision Screening of Prostate Cancer by Urinary Multimarker Sensor and Artificial Intelligence Analysis. ACS Nano. 2020-12-09 [PMID: 33296173]

Halbert D, Domenyuk V, Spetzler D et al. Aptamers and uses thereof United States Patent Application US 9958448 B2 2018-01-01

Cao DL, Ye DW, Zhang HL et al. A multiplex model of combining gene-based, protein-based, and metabolite-based with positive and negative markers in urine for the early diagnosis of prostate cancer. Prostate 2010-10-18 [PMID: 20957673]

Watanabe T, Ito Y, Sato A et al. Annexin A3 as a Negative Regulator of Adipocyte Differentiation. J Biochem. 2012-08-09 [PMID: 22888117]



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### **Products Related to H0000306-M12**

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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)
NBP1-90155PEP	Annexin A3 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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