

# Product Datasheet

## Annexin A2 Antibody (ANEX 3D5/4) - BSA Free NB100-2724

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NB100-2724**

Annexin A2 Antibody (ANEX 3D5/4) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	ANEX 3D5/4
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Protein A purified
Buffer	PBS
Target Molecular Weight	38 kDa

Product Description	
Description	Novus Biologicals Mouse Annexin A2 Antibody (ANEX 3D5/4) - BSA Free (NB100-2724) is a monoclonal antibody validated for use in IHC, WB, ELISA, ICC/IF and IP. Anti-Annexin A2 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	302
Gene Symbol	ANXA2
Species	Human
Specificity/Sensitivity	ANEX 3D5/4 detects native protein. Recommended concentration range: 1-10 ug/ml.
Immunogen	Mixture of native membrane proteins from human bone tissues which would include whole native annexin proteins

Product Application Details	
Applications	Western Blot, ELISA, Immunoassay, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:100 - 1:2000, ELISA 1:100 - 1:2000, Immunohistochemistry 1:10 - 1:500, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500, Immunoprecipitation 1:10 - 1:500, Immunoassay
Application Notes	Positive control(s): Endothelial cells. Use in Immunoassay reported in scientific literature (PMID: 31035430).

**Publications**

Guo J, Yang WL, Pak D, et al. Osteopontin, Macrophage Migration Inhibitory Factor and Anti-Interleukin-8 Autoantibodies Complement CA125 for Detection of Early Stage Ovarian Cancer Cancers (Basel) 2019-04-28 [PMID: 31035430] (IA, Human)

Zhang Y, Bi J, Zhu H et al. ANXA2 could act as a moderator of EGFR-directed therapy resistance in triple negative breast cancer Biosci. Biotechnol. Biochem. 2018-06-18 [PMID: 29912633] (IP, ICC/IF, Human)

Liu C, Qu L, Lian S et al. Unconventional secretion of synuclein-gamma promotes tumor cell invasion. FEBS J. 2014-09-17 [PMID: 25229320]





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### **Products Related to NB100-2724**

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NBL1-07561	Annexin A2 Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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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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