

Mouse anti-Human ANXA5 Monoclonal Antibody | anti-ANXA5 antibody

ANXA5 (Annexin A5, Annexin-5, Annexin V, Lipocortin V, Endonexin II, Calphobindin I, CBP-I, Placental Anticoagulant Protein I, PAP-I, Placental Anticoagulant Protein 4, PP4, Thromboplastin Inhibitor, Vascular Anticoagulant-alpha, VAC-alpha, Anchorin CII,

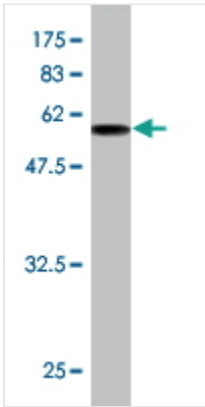
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25321	Mouse	Human	ELISA, Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

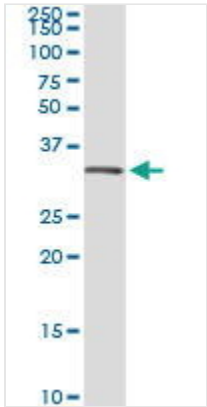
ANXA5; Monoclonal Antibody; ANXA5 (Annexin A5; Annexin-5; Annexin V; Lipocortin V; Endonexin II; Calphobindin I; CBP-I; Placental Anticoagulant Protein I; PAP-I; Placental Anticoagulant Protein 4; PP4; Thromboplastin Inhibitor; Vascular Anticoagulant-alpha; VAC-alpha; Anchorin CII; ; anti-ANXA5 antibody

PRODUCT SPECIFICATIONS

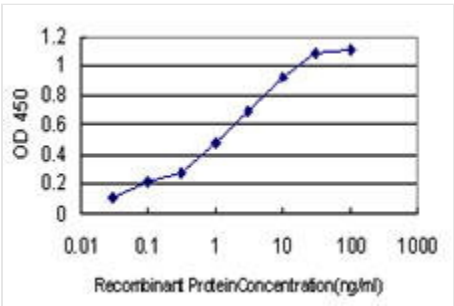
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	1F4-1A5
Specificity	Recognizes human ANXA5.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with horseradish peroxidase (HRP).
Applicable Applications for anti-ANXA5 antibody	ELISA, IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Application Notes	IHC-P: 3ug/ml Applications are based on unconjugated antibody.
Immunogen	Full length recombinant corresponding to aa1-320 from human ANXA5 (AAH01429) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MAQVLRGTVTDFPGFDERADAETLRKAMKGLGTDEESILTLTSSRNAQRQEISAAFKTLFGRDLLDDLKSELTGKFEKLIVLMKPSRLYDAYELKHALKQ
Conjugate	HRP
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. After thawing, centrifuge the original vial after thawing and prior to removing the cap.



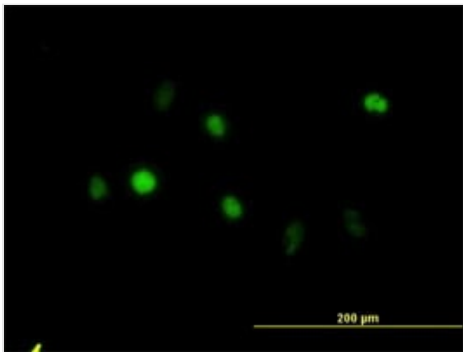
WB (Western Blot)
Western Blot detection against Immunogen (60.94kD).



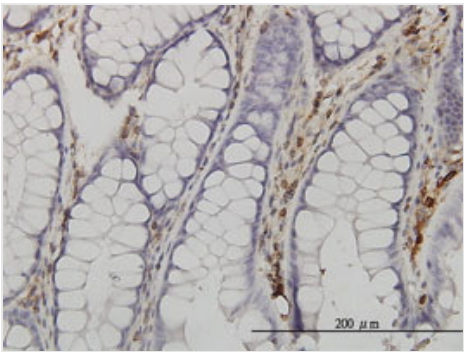
IP (Immunoprecipitation)
Immunoprecipitation of ANXA5 transfected lysate using ANXA5 monoclonal antibody and Protein A Magnetic Bead and immunoblotted with ANXA5 rabbit polyclonal antibody.



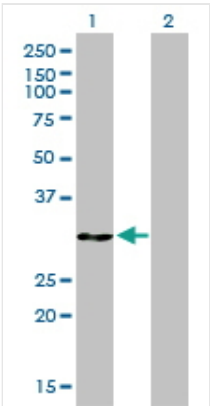
Application Data
Detection limit for recombinant GST tagged ANXA5 is ~0.03ng/ml as a capture antibody.



IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to ANXA5 on HeLa cell. [antibody concentration 10ug/ml].



IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to ANXA5 on formalin-fixed paraffin-embedded human colon. [antibody concentration 3ug/ml].



WB (Western Blot)
Western Blot analysis of ANXA5 expression in transfected 293T cell line by ANXA5 monoclonal antibody. Lane 1: ANXA5 transfected lysate (35.9kD). Lane 2: Non-transfected lysate.

ADDITIONAL INFORMATION

Product Categories/Family for anti-ANXA5 antibody	Antibodies; Apoptosis
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References	1. Transcellular distribution heterogeneity of Annexin A5 represents a protective response to lupus-related thrombophilia: A pilot Proteomics-based study. Zhou D, Luo N, Wu Q, You Y, Zhai Z, Mou Z, Wu Y, Hao F. <i>Biochem Biophys Res Commun.</i> 2012 Apr 6;420(2):357-63. Epub 2012 Mar 8. 2. Proteomics and bioinformatics analysis of lovastatin-induced differentiation in ARO cells. Shui HA, Hsia CW, Chen HM, Chang TC, Wang CY. <i>J Proteomics.</i> 2011 Nov 7. 3. The Differential Expression of Aqueous Soluble Proteins in Breast Normal and Cancerous Tissues in Relation to Stage and Grade of Patients. Liang S, Singh M, Gam LH. <i>Journal of Biomedicine and Biotechnology</i> doi:10.1155/ 2010/516469
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NCBI AND UNIPROT INFORMATION

NCBI GI #	33876205
NCBI GeneID	308
Molecular Weight	35,937 Da
NCBI Official Full Name	Homo sapiens annexin A5, mRNA
NCBI Official Synonym Full Names	annexin A5
NCBI Official Symbol	ANXA5
NCBI Official Synonym Symbols	PP4; ANX5; ENX2; RPRGL3; HEL-S-7
NCBI Protein Information	annexin A5

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
 Online datasheet: <https://stage.aaabiotech.com/monoclonal/anxa5-antibody-clone-1f4-1a5-immunohistochemistry-immunoprecipitation-western-blot-elisa/25321>