Mouse Annexin A2 Monoclonal Antibody | anti-ANXA2 antibody

Annexin A2 Mouse Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA330074	**Mouse**	**Human, Mouse, RatPrediction: Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken**	**ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

Annexin A2; Monoclonal Antibody; Annexin A2 Mouse Monoclonal Antibody; Annexin II; heavy chain; Annexin-2; ANX 2; ANX2; ANX2L4; ANXA2; ANXA2_HUMAN; arylsulfatase B; CAL1H; Calpactin I heavy chain; calpactin I heavy polypeptide (p36); Calpactin I heavy polypeptide; Calpactin-1 heavy chain; chromobindin 8; Chromobindin-8; Epididymis secretory protein Li 270; HEL S 270; LIP2; Lipocortin II; LPC2; LPC2D; p36; P36 protein; PAP-IV; Placental anticoagulant protein IV; Protein I; anti-ANXA2 antibody

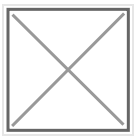
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat Prediction: Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Clonality	Monoclonal
Isotype	Mouse IgG1
Specificity	Annexin A2 Antibody detects endogenous levels of total Annexin A2.
Purity/Purification	Affinity-chromatography.
Form/Format	Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence	MSTVHEILCK LSLEGDHSTP PSAYGSVKAY TNFDAERDAL NIETAIKTKG VDEVTIVNIL TNRSNAQRQD IAFAYQRRTK KELASALKSA LSGHLETVIL GLLKTPAQYD ASELKASMKG LGTDEDSLIE IICSRTNQEL QEINRVYKEM YKTDLEKDII SDTSGDFRKL MVALAKGRRA EDGSVIDYEL IDQDARDLYD AGVKRKGTDV PKWISIMTER SVPHLQKVFD RYKSYSPYDM LESIRKEVKG DLENAFLNLV QCIQNKPLYF ADRLYDSMKG KGTRDKVLIR IMVSRSEVDM LKIRSEFKRK YGKSLYYYIQ QDTKGDYQKA LLYLCGGDD
Applicable Applications for anti-ANXA2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Annexin A2, corresponding to a region within the internal amino acids.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

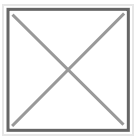
IMAGES

IF (Immunofluorescence)
AAA330074 staining HepG2 cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. Samples were then incubated with primary Ab(#AAA330074) and rabbit anti-beta tubulin Ab for 1 hour at 37 degree C. An AlexaFluor594 conjugated goat anti-mouse IgG Ab(Red) and an AlexaFluor488 conjugated goat anti-rabbit IgG Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI (blue).

IHC (Immunohistochemisry)
AAA330074 at 1/100 staining aaaaaa by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-mouse antibody was used as the secondary antibody.



IHC (Immunohiostchemistry)
AAA330074 at 1/100 staining human ovarian cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-mouse antibody was used as the secondary antibody.



WB (Western Blot)
Western blot analysis of extracts from various samples, using Annexin A2 Mouse Monoclonal Antibody. Lane 1: HepG2 cells treated with blocking peptide; Lane 2: HepG2 cells; Lane 3: PC12 cells. Lane 4: 3T3-L1P6 cells.

ADDITIONAL INFORMATION

Related Product Information for anti-ANXA2 antibody	Calcium-regulated membrane-binding protein whose affinity for calcium is greatly enhanced by anionic phospholipids. It binds two calcium ions with high affinity. May be involved in heat-stress response.
Product Categories/Family for anti-ANXA2 antibody	Primary antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	302
UniProt Accession #	P07355
Molecular Weight	38 kD; 39kD(Calculated)

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.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/annexin-a2-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/330074