

Mouse anti-Mouse Annexin A6 Monoclonal Antibody | anti-ANXA6 antibody

Annexin A6

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA76729	Mouse	Mouse	Immunofluorescence, Western Blot, Immunocytochemistry

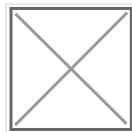
PRODUCT SYNONYMS

Annexin A6; Monoclonal Antibody; anti-ANXA6 antibody

PRODUCT SPECIFICATIONS

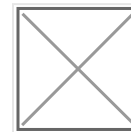
Host	Mouse
Reactivity	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Form/Format	Liquid. Purified antibody at 1mg/mL in 50% PBS, 50% glycerol plus 5mM NaN3
Applicable Applications for anti-ANXA6 antibody	IF (Immunofluorescence), WB (Western Blot), ICC (Immunocytochemistry)
Immunogen	Recombinant full length annexin A6 expressed in and purified from E coli
Preparation and Storage	Antibody can also be aliquotted and stored frozen at -20 degree C in a manual defrost freezer for sixmonths without detectable loss of activity. The antibody can be stored at 2 degree - 8 degree C for 1 month without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of different cell lysates using mouse mAb to annexin A6, AAA76729, dilution 1:2,000 in green: [1] protein standard (red), [2] mouse NIH-3T3, [3] rat C6, [4] human HeLa, [5] human HEK293, [6] dog A72, [7] equine NBL6 and [8] African green monkey COS1 cells. MCA-4G3 antibody detects annexin A6 protein with apparent MW of about 68kDa in all cell preparations. The blot was simultaneously probed with rabbit pAb to HSP60. The band at 60kDa corresponds to HSP60 protein.



IF (Immunofluorescence)

Immunofluorescent analysis of HeLa cells stained with mouse mAb to annexin A6, AAA76729, dilution 1:500 in red, and costained with chicken pAb to vimentin in green. The blue is Hoechst staining of nuclear DNA. The annexin A6 antibody detects protein predominantly expressed in spherical cellular membrane protrusions, known as blebs, while the vimentin antibody produces strong staining of the intermediate filament network of the cytoskeleton.

ADDITIONAL INFORMATION

Related Product Information for anti-ANXA6 antibody

The annexins are a large family of related proteins which share the property of binding to phospholipid containing membranes in a Calcium dependent manner. Annexin A6 has a particularly surprising number of alternate names, 19 being listed on the Genecards ANXA6 site. Annexin A6 is normally localized in the cytosol but becomes membrane associated following cellular injury, and so is often seen in "blebs", transient herniations of the plasma membrane associated with apoptosis and more generally indicative of cell stress. Recent studies suggest that annexin A6 functions, in combination with annexin A4, in the repair of cell membranes following cellular injury.

This antibody was made against full length recombinant human annexin A6 expressed in and purified from E coli. The antibody recognizes annexin A6 in human, rodents and many other mammals and can be used as a marker of blebs, indicative of cellular stress.

NCBI AND UNIPROT INFORMATION

NCBI GI #	71773329
NCBI GeneID	309
NCBI Accession #	NP_001146.2
NCBI GenBank Nucleotide #	NM_001155.4
UniProt Accession #	P08133; Q6ZT79; B7Z8A7; D3DQH4; E9PGK1
Molecular Weight	75,873 Da
NCBI Official Full Name	annexin A6 isoform 1
NCBI Official Synonym Full Names	annexin A6
NCBI Official Symbol	ANXA6
NCBI Official Synonym Symbols	ANX6; CBP68
NCBI Protein Information	annexin A6; p68; p70; CPB-II; annexin-6; calelectrin; lipocortin VI; calphobindin II; calphobindin-II; chromobindin-20; annexin VI (p68); 67 kDa calelectrin; calcium-binding protein p68
UniProt Protein Name	Annexin A6
UniProt Gene Name	ANXA6
UniProt Synonym Gene Names	ANX6; CPB-II
UniProt Entry Name	ANXA6_HUMAN

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-a6-antibody-immunofluorescence-western-blot-immunocytochemistry-elisa/76729>