



# Annexin VI mouse mAb

<b>Catalog No</b>	YP-Ab-03465
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human
<b>Applications</b>	WB
<b>Gene Name</b>	anxa6
<b>Protein Name</b>	
<b>Immunogen</b>	Purified recombinant human Annexin VI protein fragments expressed in E.coli.
<b>Specificity</b>	This antibody detects endogenous levels of Annexin VI and does not cross-react with related proteins.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse
<b>Purification</b>	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	wb 1:1000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	67 kDa calelectrin;Annexin A6;Annexin VI;Annexin VI p68;Annexin-6;AnnexinA6;AnnexinVI; ANX 6;ANX A6;ANX6;ANXA6;ANXA6_HUMAN;Calcium binding protein p68;Calelectrin;Calphobindin II;Calphobindin-II;CalphobindinII;CBP 68;Chromobindin 20;CPBII;Lipocortin VI; LipocortinVI;Protein III;ProteinIII.
<b>Observed Band</b>	76kD
<b>Cell Pathway</b>	Cytoplasm . Melanosome . Identified by mass spectrometry in melanosome fractions from stage I to stage IV.
<b>Tissue Specificity</b>	Adipocyte,Amygdala,Lung,Uterus,
<b>Function</b>	caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data.,domain:A pair of annexin repeats may form one binding site for calcium and phospholipid.,function:May associate with CD21. May regulate the release of Ca(2+) from intracellular stores.,induction:By EBV.,miscellaneous:Seems to bind one calcium ion with high affinity.,PTM:Phosphorylated in response to growth factor stimulation.,similarity:Belongs to the annexin family.,similarity:Contains 4 annexin repeats.,similarity:Contains 8 annexin repeats.,subcellular location:Identified by mass spectrometry in melanosome fractions from stage I to stage IV.,

**Background**

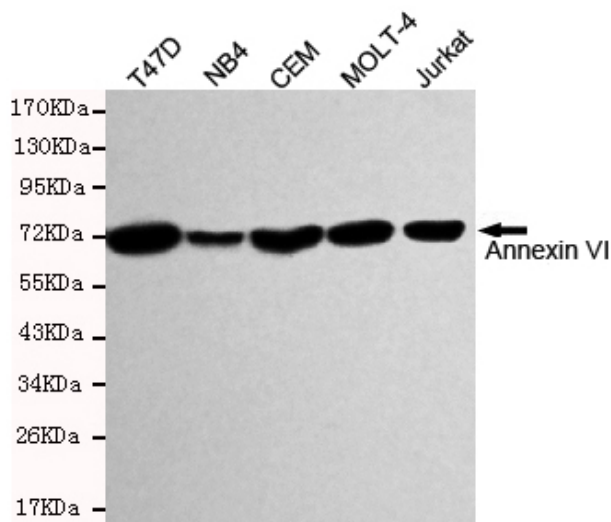
Annexin VI belongs to a family of calcium-dependent membrane and phospholipid binding proteins. Several members of the annexin family have been implicated in membrane-related events along exocytotic and endocytotic pathways. The annexin VI gene is approximately 60 kbp long and contains 26 exons. It encodes a protein of about 68 kDa that consists of eight 68-amino acid repeats separated by linking sequences of variable lengths. It is highly similar to human annexins I and II sequences, each of which contain four such repeats. Annexin VI has been implicated in mediating the endosome aggregation and vesicle fusion in secreting epithelia during exocytosis. Alternatively spliced transcript variants have been described. [provided by RefSeq, Aug 2010],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

Western blot detection of Annexin VI in T47D, MB4, CEM, MOLT-4 and Jurkat cell lysates and using Annexin VI mouse mAb (1:1000 diluted). Predicted band size: 76 kDa. Observed band size: 76 kDa.