

Annexin VI mouse mAb

Catalog No :	YM1356
Reactivity :	Human
Applications :	WB
Target :	Annexin VI
Gene Name :	anxa6
Human Gene Id :	309
Human Swiss Prot No :	P08133
Mouse Swiss Prot No :	P14824
Immunogen :	Purified recombinant human Annexin VI protein fragments expressed in E.coli.
Specificity :	This antibody detects endogenous levels of Annexin VI and does not cross-react with related proteins.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Monoclonal, Mouse
Dilution :	wb 1:1000
Purification :	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	76kD
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],

Function :

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.,

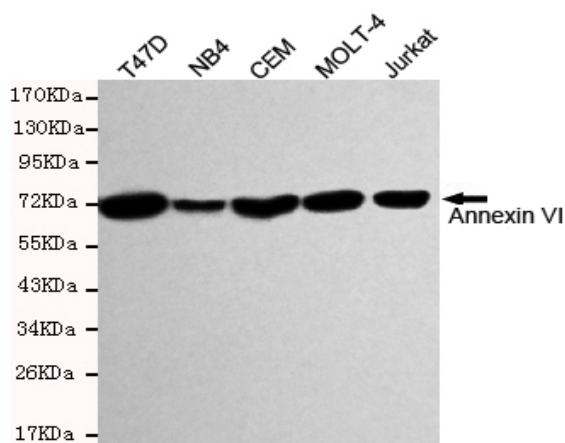
Subcellular Location :

Cytoplasm . Melanosome . Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

Expression :

Adipocyte,Amygdala,Lung,Uterus,

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: 76KDa. Observed band size: 76KDa.