



# ANXA4 Monoclonal Antibody

<b>Catalog No</b>	BYmab-06815
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse
<b>Applications</b>	WB
<b>Gene Name</b>	ANXA4 ANX4
<b>Protein Name</b>	Annexin A4 (35-beta calcimedin) (Annexin IV) (Annexin-4) (Carbohydrate-binding protein p33/p41) (Chromobindin-4) (Endonexin I) (Lipocortin IV) (P32.5) (PP4-X) (Placental anticoagulant protein II) (PAP
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	ANXA4 Monoclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	35kD
<b>Cell Pathway</b>	Zymogen granule membrane ; Peripheral membrane protein .
<b>Tissue Specificity</b>	Brain,Eye,Human fetal kidney,Placenta,Tongue,Uterus,
<b>Function</b>	domain:A pair of annexin repeats may form one binding site for calcium and phospholipid.,function:Calcium/phospholipid-binding protein which promotes membrane fusion and is involved in exocytosis.,miscellaneous:Seems to bind one calcium ion with high affinity.,similarity:Belongs to the annexin family.,similarity:Contains 2 annexin repeats.,similarity:Contains 3 annexin repeats.,similarity:Contains 4 annexin repeats.,
<b>Background</b>	Annexin IV (ANX4) belongs to the annexin family of calcium-dependent phospholipid binding proteins. Although their functions are still not clearly defined, several members of the annexin family have been implicated in membrane-related events along exocytotic and endocytotic pathways. ANX4 has 45 to 59% identity

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with other members of its family and shares a similar size and exon-intron organization. Isolated from human placenta, ANX4 encodes a protein that has possible interactions with ATP, and has in vitro anticoagulant activity and also inhibits phospholipase A2 activity. ANX4 is almost exclusively expressed in epithelial cells. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2016],

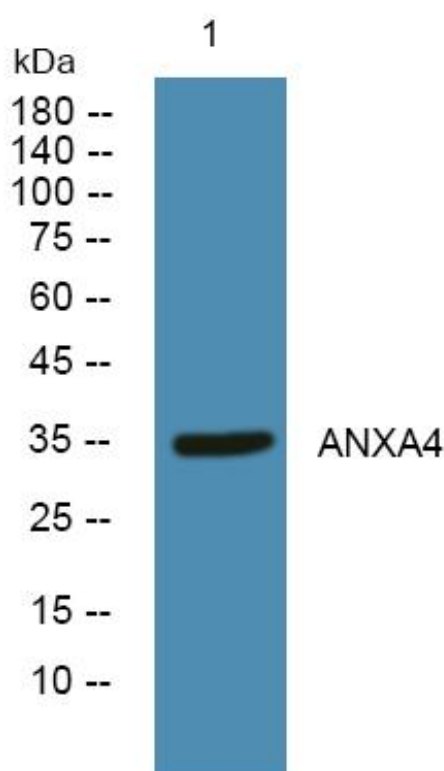
**matters needing attention**

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 analysis of various cells using ANXA4 Monoclonal Antibody