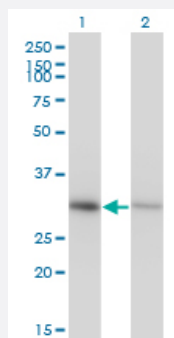


ANXA4 monoclonal antibody (M13), clone 1D3

Catalog # H00000307-M13

Size 100 ug

Applications

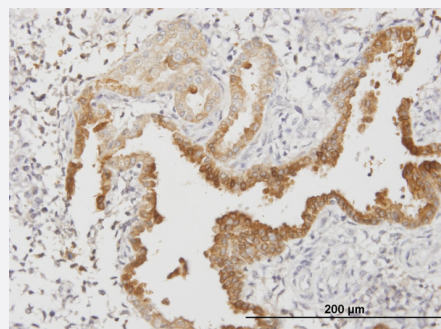


Western Blot (Transfected lysate)

Western Blot analysis of ANXA4 expression in transfected 293T cell line by ANXA4 monoclonal antibody (M13), clone 1D3.

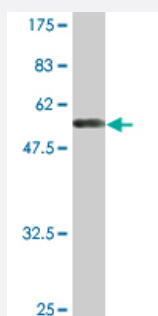
Lane 1: ANXA4 transfected lysate (36.1 KDa).

Lane 2: Non-transfected lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to ANXA4 on formalin-fixed paraffin-embedded human endometrium. [antibody concentration 3 ug/ml]



Western Blot detection against Immunogen (61.05 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant ANXA4.

Immunogen	ANXA4 (AAH00182, 1 a.a. ~ 321 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAMATKGGTVKAASGFNAMEDAQTLRKAMKGLGTDEDAIISVLAYRNTAQRQEIRTAYKSTIGRDLI DDLKSELSGNFEQVIVGMMTPVLVDVQELRRAMKGAGTDEGCLIEILASRTPEEIRRISQTYQQQY GRSLEDDIRSDTSFMFQRVLVSLSAGGRDEGNYLDDALVRQDAQDLYEAGEKKWGTDEVKFLT VLCSRNRNHLHVFDEYKRISQKDIEQSIKSETSGSFEDALLAVKCMRNKSAYFAEKLYKSMKGL GTDDNTLIRVMVSRAEIDMLDIRAHFKRLYGKSLYSFIKGDTSGDYRKVLLVLCGGDD
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (92); Rat (93)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (61.05 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of ANXA4 expression in transfected 293T cell line by ANXA4 monoclonal antibody (M13), clone 1D3.

Lane 1: ANXA4 transfected lysate(36.1 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to ANXA4 on formalin-fixed paraffin-embedded human endometrium. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- ELISA

Gene Info — ANXA4

Entrez GeneID	307
GeneBank Accession#	BC000182
Protein Accession#	AAH00182
Gene Name	ANXA4
Gene Alias	ANX4, DKFZp686H02120, MGC75105, PIG28, ZAP36
Gene Description	annexin A4
Omim ID	106491
Gene Ontology	Hyperlink
Gene Summary	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 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. [provided by RefSeq]
Other Designations	annexin IV annexin IV (placental anticoagulant protein II) placental anticoagulant protein II proliferation-inducing gene 28 proliferation-inducing protein 28

Publication Reference

- [Proteomic analysis of the sheep caruncular and intercaruncular endometrium reveals changes.](#)

Al-Gubory KH, Arianmanesh M, Garrel C, Bhattacharya S, Cash P, Fowler PA.

Reproduction 2014 Apr; 147(5):599.

Application: WB-Ti, Sheep, Caruncular endometrial tissues

- [Annexin A4 is a possible biomarker for cisplatin susceptibility of malignant mesothelioma cells.](#)

Yamashita T, Nagano K, Kanasaki S, Maeda Y, Furuya T, Inoue M, Nabeshi H, Yoshikawa T, Yoshioka Y, Itoh N, Abe Y, Kamada H, Tsutsumi Y, Tsunoda S.

Biochemical and Biophysical Research Communications 2012 Apr; 421(1):140.

Application: IHC-P, WB-Ce, WB-tr, Human, HMC, H28, H2052, H2452, H226, MSTO-221H cells, Mesothelial tissue

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Tobacco Use Disorder](#)