

Datasheet

ANXA4 monoclonal antibody (M13), clone 1D3

Catalog Number: H00000307-M13

Regulation Status: For research use only (RUO)

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

Clone Name: 1D3

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:

MAMATKGGTVKAASGFNAMEDAQT LRKAMKGLGTDE
DAISVLAYRNTAQRQEIRTA YKSTIGRDLIDDLKSELG
NFEQVIVGMMTPTVLYDVQELRRAMKGAGTDEGLIEI
LASRTP E EIRRI SQT YQQYGRSLEDDIRSDTSFMFQR
VLVSL SAGGRDEGNYLDDALVRQDAQDLYEAGEKKW
GTDEVKFLT V LCSRNRNHLHVFDEYKRISQKDIEQSIK
SETSGSFEDALLAIVKCMRNKSAYFAEKLYKSMKGLGT
DDNTLIRVMVSRAEIDMLDIRAHFKRLYGKSLYSFIKGD
TSGDYRKVLLVLCGGDD

Host: Mouse

Reactivity: Human

Applications: ELISA, IHC-P, S-ELISA, WB-Re, WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 307

Gene Symbol: ANXA4

Gene Alias: ANX4, DKFZp686H02120, MGC75105, PIG28, ZAP36

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]

References:

1. Annexin A4 is a possible biomarker for cisplatin susceptibility of malignant mesothelioma cells. Yamashita T, Nagano K, Kanasaki SI, Maeda Y, Furuya T, Inoue M, Nabeshi H, Yoshikawa T, Yoshioka Y, Itoh N, Abe Y, Kamada H, Tsutsumi Y, Tsunoda SI. Biochem Biophys Res Commun. 2012 Apr 4. [Epub ahead of print]