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# Datasheet

## ANXA3 monoclonal antibody (M12), clone 4F1

**Catalog Number:** H00000306-M12

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against a full length recombinant ANXA3.

**Clone Name:** 4F1

**Immunogen:** ANXA3 (AAH00871, 1 a.a. ~ 323 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**
MASIWVGHRGTVRDYPDFSPSVDAEAIQKAIRGIGTDE
KMLISILTERSNAQRQLIVKEYQAAYGKELKDDLKGDLS
GHFEHLMVALVTPPAVFDAKQLKKSMKGAGTNEDALI
EILTTRTSRQMKDISQAYYTVYKKSLGDDISSETSGDF
RKALLTLADGRRDESLKVDEHLAKQDAQILYKAGENR
WGTDEDKFTEILCLRSFPQLKLTFDEYRNISQKDIVDSI
KGELSGHFEDLLLAIVNCVRNTPAFLAERLHRALKGIGT
DEFTLNRIMVSRSEIDLLDIRTEFKKHYGYSLYSAIKSDT
SGDYEITLLKICGGDD

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, RNAi-Ab, 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:** IgG1 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:** 306

**Gene Symbol:** ANXA3

**Gene Alias:** ANX3

**Gene Summary:** This gene encodes a member of the annexin family. Members of this calcium-dependent phospholipid-binding protein family play a role in the regulation of cellular growth and in signal transduction pathways. This protein functions in the inhibition of phopholipase A2 and cleavage of inositol 1,2-cyclic phosphate to form inositol 1-phosphate. This protein may also play a role in anti-coagulation. [provided by RefSeq]

**References:**
1. Annexin A3 as a Negative Regulator of Adipocyte Differentiation. Watanabe T, Ito Y, Sato A, Hosono T, Niimi S, Ariga T, Seki T. J Biochem. 2012 Aug 9.
2. A multiplex model of combining gene-based, protein-based, and metabolite-based with positive and negative markers in urine for the early diagnosis of prostate cancer. Cao DL, Ye DW, Zhang HL, Zhu Y, Wang YX, Yao XD. Prostate. 2010 Oct 18. [Epub ahead of print]