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ANXA2 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a full length recombinant ANXA2.
Catalog # AT1149a

Specification

ANXA2 Antibody (monoclonal) (M02) - Product Information

Application	**IF, WB**
Primary Accession	P07355
Other Accession	BC066955
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgG1 kappa**
Calculated MW	**38604**

ANXA2 Antibody (monoclonal) (M02) - Additional Information

Gene ID 302

Other Names
Annexin A2, Annexin II, Annexin-2, Calpactin I heavy chain, Calpactin-1 heavy chain, Chromobindin-8, Lipocortin II, Placental anticoagulant protein IV, PAP-IV, Protein I, p36, ANXA2, ANX2, ANX2L4, CAL1H, LPC2D

Target/Specificity
ANXA2 (AAH66955, 19 a.a. ~ 357 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

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

Precautions
ANXA2 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

ANXA2 Antibody (monoclonal) (M02) - Protocols

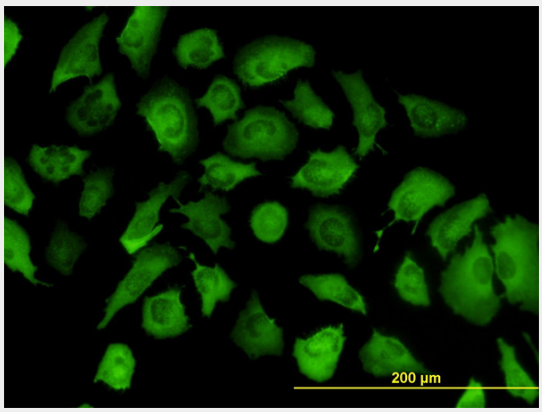
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides

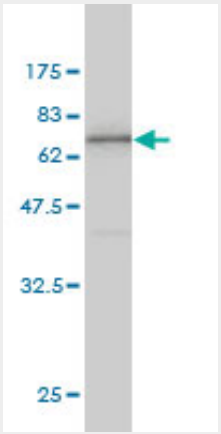
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- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

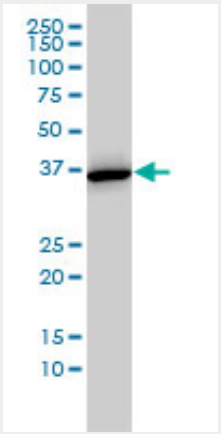
ANXA2 Antibody (monoclonal) (M02) - Images



Immunofluorescence of monoclonal antibody to ANXA2 on HeLa cell. [antibody concentration 10 ug/ml]

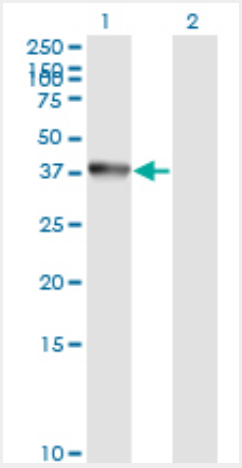


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (63.03 KDa) .



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ANXA2 monoclonal antibody (M02), clone 1G7 Western Blot analysis of ANXA2 expression in HepG2 ((Cat # AT1149a)



Western Blot analysis of ANXA2 expression in transfected 293T cell line by ANXA2 monoclonal antibody (M02), clone 1G7.

Lane 1: ANXA2 transfected lysate(40.4 KDa).
Lane 2: Non-transfected lysate.

ANXA2 Antibody (monoclonal) (M02) - Background

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 as an autocrine factor which heightens osteoclast formation and bone resorption. This gene has three pseudogenes located on chromosomes 4, 9 and 10, respectively. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene.

ANXA2 Antibody (monoclonal) (M02) - References

1.The interaction with caveolae-associated proteins regulates enolase-1 subcellular localization.Zakrzewicz D, Didiasova M, Zakrzewicz A, Hocke AC, Uhle F, Markart P, Preissner KT, Wygrecka MBiochem J. 2014 Jun 1;460(2):295-307. doi: 10.1042/BJ20130945.2.Peripheral blood monocyte-expressed ANXA2 geneis involved in pathogenesis of osteoporosis in humans.Deng FY, Lei SF, Zhang Y, Zhang YL, Zheng YP, Zhang LS, Pan R, Wang L, Tian Q, Shen H, Zhao M, Lundberg YW, Liu YZ, Papasian CJ, Deng HW.Mol Cell Proteomics. 2011 Aug 4. [Epub ahead of print]3.Proteomic Analysis of Climatic Keratopathy Droplets.Menegay M, Lee D, Tabbara KF, Cafaro TA, Urrets-Zavalia JA, Serra HM, Bhattacharya SK.Invest Ophthalmol Vis Sci. 2008 Jul;49(7):2829-37. Epub 2008 Mar 31.