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ANXA2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant ANXA2.
Catalog # AT1148a

Specification

ANXA2 Antibody (monoclonal) (M01) - Product Information

Application	**IF, WB, E**
Primary Accession	P07355
Other Accession	BC009564
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG1 kappa**
Calculated MW	**38604**

ANXA2 Antibody (monoclonal) (M01) - 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 (AAH09564.1, 1 a.a. ~ 339 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) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

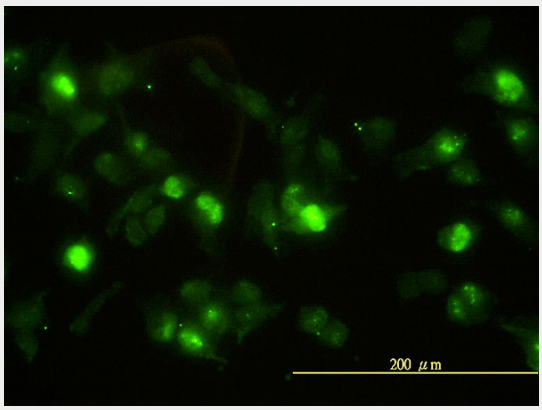
ANXA2 Antibody (monoclonal) (M01) - Protocols

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

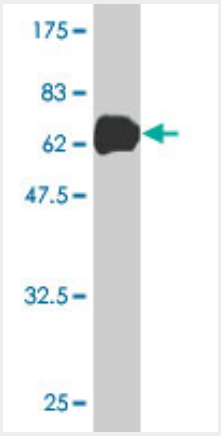
- Western Blot
- Blocking Peptides

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

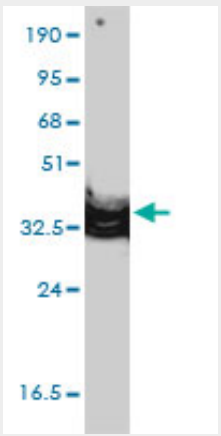
ANXA2 Antibody (monoclonal) (M01) - Images



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

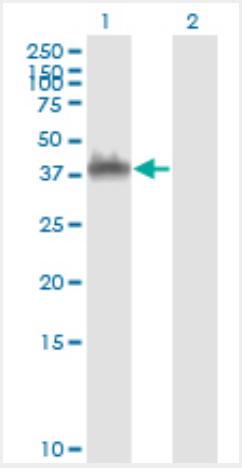


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (63.03 KDa) .



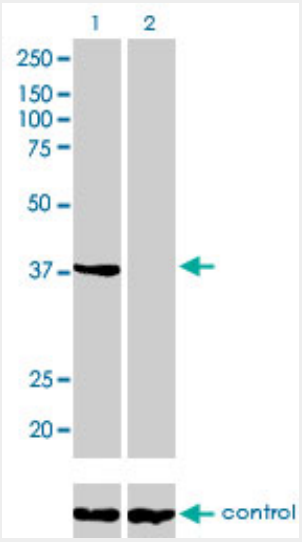
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ANXA2 monoclonal antibody (M01), clone 3E8-B6 Western Blot analysis of ANXA2 expression in Hela ((Cat # AT1148a)



Western Blot analysis of ANXA2 expression in transfected 293T cell line by ANXA2 monoclonal antibody (M01), clone 3E8-B6.

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



Detection limit for recombinant GST tagged ANXA2 is approximately 10ng/ml as a capture antibody.

ANXA2 Antibody (monoclonal) (M01) - 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) (M01) - References

1.Annexin A2 is a discriminative serological candidate in early hepatocellular carcinoma.Sun Y, Gao

G, Cai J, Wang Y, Qu X, He L, Liu F, Zhang Y, Lin K, Ma S, Yang X, Qian X, Zhao X.Carcinogenesis. 2012 Dec 19.2.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]