

## **ANXA2 Antibody (monoclonal) (M01)**

Mouse monoclonal antibody raised against a full length recombinant ANXA2.

Catalog # AT1148a

### **Specification**

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#### **ANXA2 Antibody (monoclonal) (M01) - Product Information**

Application	IF, WB, E
Primary Accession	<a href="#">P07355</a>
Other Accession	<a href="#">BC009564</a>
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.

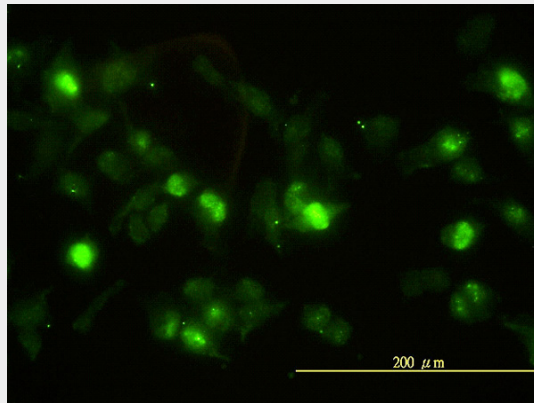
#### **ANXA2 Antibody (monoclonal) (M01) - Protocols**

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

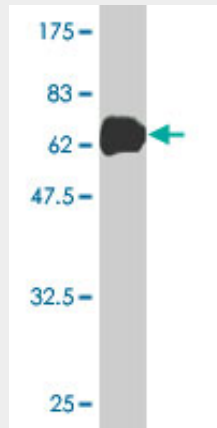
- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

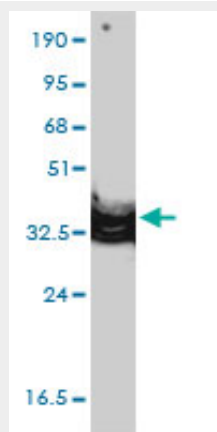
### ANXA2 Antibody (monoclonal) (M01) - Images



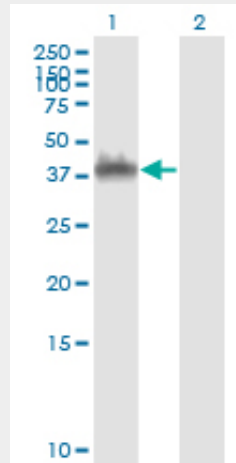
Immunofluorescence of monoclonal antibody to ANXA2 on HeLa cell. [antibody concentration 10 ug/ml]



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

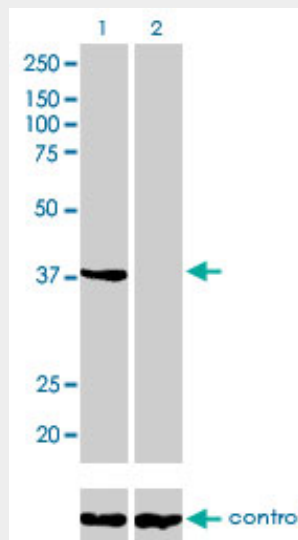


ANXA2 monoclonal antibody (M01), clone 3E8-B6 Western Blot analysis of ANXA2 expression in Hela ( (Cat # AT1148a )



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 genes 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]