



Datasheet for ABIN559875

## anti-Annexin A2 antibody (AA 19-357)



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### Overview

Quantity:	100 µg
Target:	Annexin A2 (ANXA2)
Binding Specificity:	AA 19-357
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Annexin A2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

### Product Details

Purpose:	Mouse monoclonal antibody raised against a full length recombinant ANXA2.
Immunogen:	ANXA2 (AAH66955, 19 a.a. ~ 357 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MSTVHEILCK LSLEGDHSTP PSAYGSVKAY TNFDAERDAL NIETAIKTKG VDEVTIVNIL TNRSNAQRQD IAFAYQRRTK KELASALKSA LSGHLETVIL GLLKTPAQYD ASELKASMKG LGTDEDSLIE IICSRTNQL QEINRVYKEM YKTDLEKDII SDTSGDFRKL MVALAKGRRA EDGSVIDYEL IDQDARDLYD AGVKRKGTDV PKWISVMTER SVPHLQKVFD RYKSYSPYDM LESIRKEVKG DLENAFLNLV QCIQNKPLYF ADRLYDSMKG KGTRDKVLIR IMVSRSEVDM LKIRSEFKRK YGKSLYYYIQ QDTKGDYQKA LLYLGGDD
Clone:	1G7
Isotype:	IgG1

## Product Details

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Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

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Target:	Annexin A2 (ANXA2)
Alternative Name:	ANXA2 ( <a href="#">ANXA2 Products</a> )
Background:	Full Gene Name: annexin A2 Synonyms: ANX2,ANX2L4,CAL1H,LIP2,LPC2,LPC2D,P36,PAP-IV
Gene ID:	302
Pathways:	<a href="#">S100 Proteins</a>

## Application Details

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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

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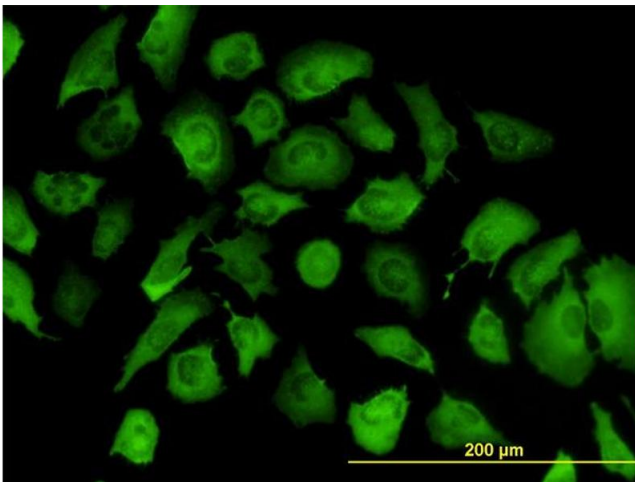
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Publications

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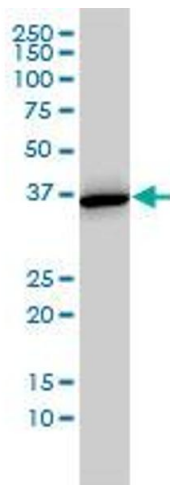
Product cited in:	Zakrzewicz, Didiasova, Zakrzewicz, Hocke, Uhle, Markart, Preissner, Wygrecka: "The interaction of enolase-1 with caveolae-associated proteins regulates its subcellular localization." in: <b>The Biochemical journal</b> , Vol. 460, Issue 2, pp. 295-307, (2014) ( <a href="#">PubMed</a> ).
	Deng, Lei, Zhang, Zhang, Zheng, Zhang, Pan, Wang, Tian, Shen, Zhao, Lundberg, Liu, Papasian, Deng: "Peripheral blood monocyte-expressed ANXA2 gene is involved in pathogenesis of osteoporosis in humans." in: <b>Molecular &amp; cellular proteomics : MCP</b> , Vol. 10, Issue 11, pp. M111.011700, (2011) ( <a href="#">PubMed</a> ).

Menegay, Lee, Tabbara, Cafaro, Urruts-Zavalía, Serra, Bhattacharya: "Proteomic analysis of climatic keratopathy droplets." in: **Investigative ophthalmology & visual science**, Vol. 49, Issue 7, pp. 2829-37, (2008) ([PubMed](#)).



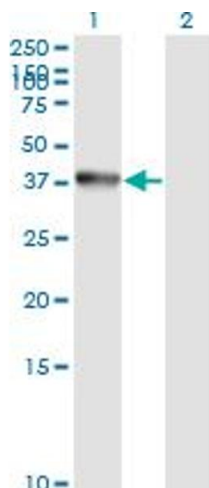
#### Immunofluorescence

**Image 1.** Immunofluorescence of monoclonal antibody to ANXA2 on HeLa cell. [antibody concentration 10 ug/ml]



#### Western Blotting

**Image 2.** ANXA2 monoclonal antibody (M02), clone 1G7 Western Blot analysis of ANXA2 expression in HepG2 .



#### Western Blotting

**Image 3.** 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.

## Images

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Please check the [product details page](#) for more images. Overall 5 images are available for ABIN559875.