

Datasheet for ABIN1098115

anti-Annexin a1 antibody (AA 144-248)

5 Images

2 Publications

[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	Annexin a1 (ANXA1)
Binding Specificity:	AA 144-248
Reactivity:	Human, Mouse, Monkey
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Annexin a1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Purified recombinant fragment of human ANXA1 (AA 144-248) expressed in E. coli.
Clone:	2F1
Isotype:	IgG1
Purification:	Purified

Target Details

Target:	Annexin a1 (ANXA1)
Alternative Name:	ANXA1 (ANXA1 Products)
Background:	Annexin I belongs to a family of Ca(2+)-dependent phospholipid binding proteins which have a molecular weight of approximately 35,000 to 40,000 and are preferentially located on the

Target Details

cytosolic face of the plasma membrane. Annexin I protein has an apparent relative molecular mass of 40 kDa, with phospholipase A2 inhibitory activity. Since phospholipase A2 is required for the biosynthesis of the potent mediators of inflammation, prostaglandins and leukotrienes, annexin I may have potential anti-inflammatory activity.

Molecular Weight: 38.7 kDa

Gene ID: 301

HGNC: 301

Pathways: [Hormone Transport](#)

Application Details

Application Notes: Recommended Dilution:
ELISA: 1/10000, WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000
Not yet tested in other applications.
Determining optimal working dilutions by titration test.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.05 % sodium azide and 0.5 % protein stabilizer

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C or at -20 °C for long term.

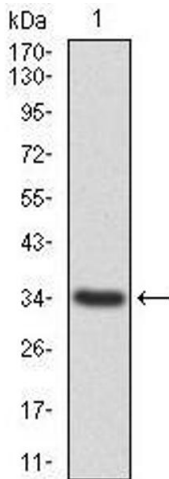
Publications

Product cited in: Nair, Hande, Lim: "Annexin-1 protects MCF7 breast cancer cells against heat-induced growth arrest and DNA damage." in: **Cancer letters**, Vol. 294, Issue 1, pp. 111-7, (2010) ([PubMed](#)).

Li, Shen, Huang, Huang, Wang, Wu: "Annexin-I overexpression is associated with tumour progression and independently predicts inferior disease-specific and metastasis-free survival in

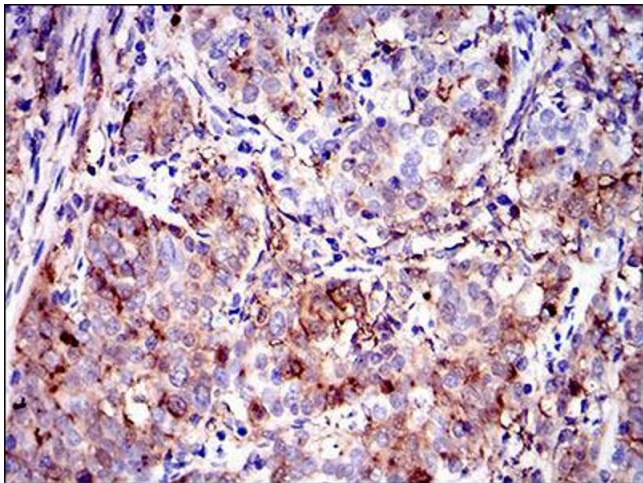
urinary bladder urothelial carcinoma." in: **Pathology**, Vol. 42, Issue 1, pp. 43-9, (2009) ([PubMed](#)).

Images



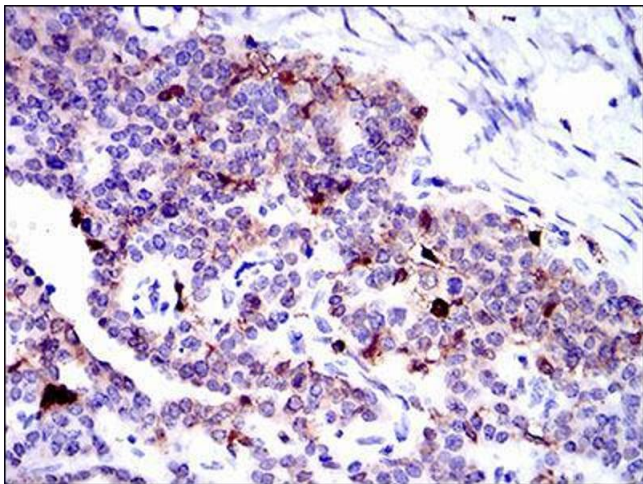
Western Blotting

Image 1. Western blot analysis using ANXA1 mAb against human ANXA1 recombinant protein. (Expected MW is 33.7 kDa)



Immunohistochemistry

Image 2. Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using ANXA1 mouse mAb with DAB staining.



Immunohistochemistry

Image 3. Immunohistochemical analysis of paraffin-embedded ovarian cancer tissues using ANXA1 mouse mAb with DAB staining.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN1098115.