

Basic Information

Product Name	Anti-Annexin A1/ANXA1 Antibody (Clone#OTI3A8)		
Gene Name	ANXA1		
Source	Mouse		
Clonality	Monoclonal		
Isotype	IgG1		
Species Reactivity	human, mouse, rat		
Tested Application	WB, IHC, ICC/IF		
Contents	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.		
Immunogen	Full length human recombinant protein of human ANXA1 (NP_000691) produced in HEK293T cell.		
Concentration	500 ug/ml		
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)		
Observed MW	38.5 kDa		
Dilution Ratios	Western blot (WB):	1:2000	
	Immunohistochemistry (IHC):	1:50	
	Immunocytochemistry/Immunofluorescence (ICC/IF):	1:100	

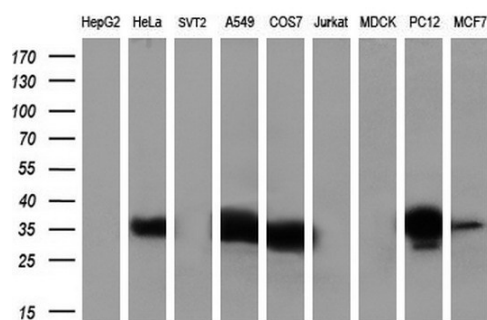
Storage

Stable for 12 months from date of receipt. Store at -20°C as received.

Background Information

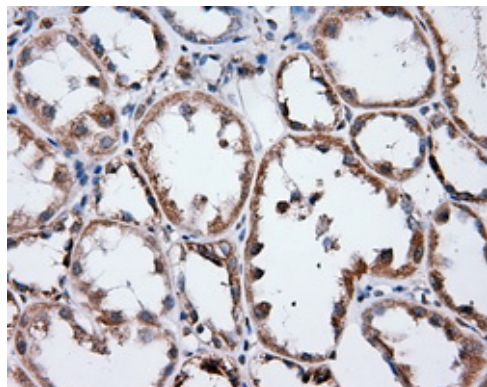
Annexin I belongs to a family of Ca(2+)-dependent phospholipid binding proteins which have a molecular weight of approximately 35,000 to 40,000 and are preferentially located on the cytosolic face of the plasma membrane. Annexin I protein has an apparent relative molecular mass of 40 kDa, with phospholipase 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.

Selected Validation Data

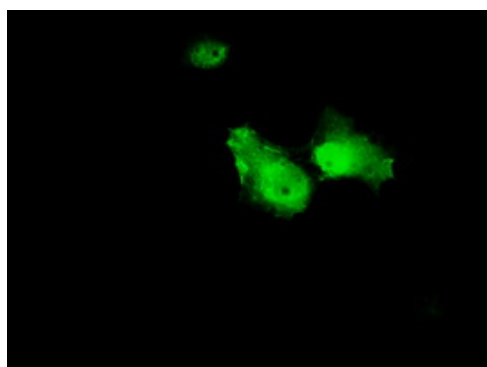


Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-ANXA1 monoclonal antibody at 1:200 dilution.

(HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human)



Immunohistochemical staining of paraffin-embedded Kidney tissue within the normal limits using anti-ANXA1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, M01451-2, Dilution 1:50)



Anti-ANXA1 mouse monoclonal antibody immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY ANXA1 .