

For Research Use Only

Annexin A2 Monoclonal antibody, PBS Only

Catalog Number: 60051-1-PBS

Featured Product



Basic Information

Catalog Number:

60051-1-PBS

Size:

100ug, Concentration: 1mg/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG1777

GenBank Accession Number:

BC016774

GeneID (NCBI):

302

ENSEMBL Gene ID:

ENSG00000182718

UNIPROT ID:

P07355

Full Name:

annexin A2

Calculated MW:

339 aa, 39 kDa

Observed MW:

35-38 kDa

Purification Method:

Protein A purification

CloneNo.:

3H1B11

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

Annexin A2 (ANXA2), also named Annexin-2 or Lipocortin II, is a Ca²⁺ binding protein that is up-regulated in virally transformed cell lines and human tumors. This calcium-regulated membrane-binding protein, whose affinity for calcium is greatly enhanced by anionic phospholipids, may cross-link plasma membrane phospholipids with actin and the cytoskeleton and be involved with exocytosis. Heat-stress response may also involve Annexin-2.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

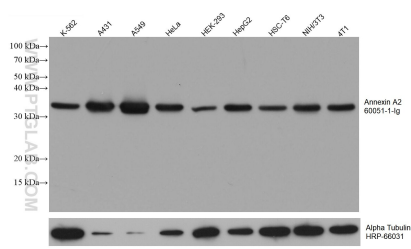
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

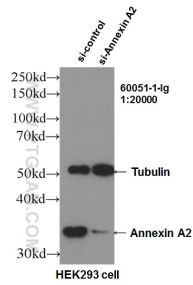
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

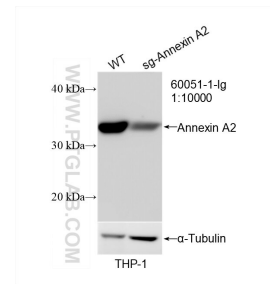
Selected Validation Data



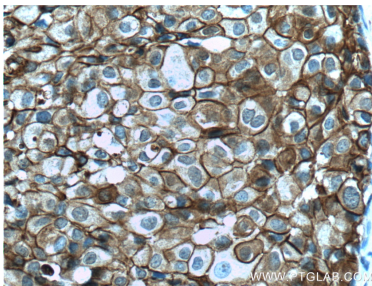
Various lysates were subjected to SDS PAGE followed by western blot with 60051-1-Ig (Annexin A2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control. This data was developed using the same antibody clone with 60051-1-PBS in a different storage buffer formulation.



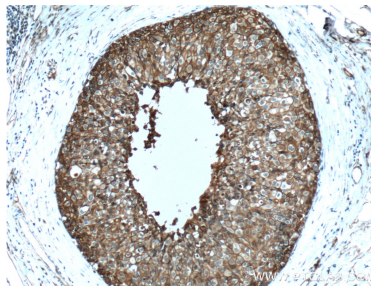
WB result of Annexin A2 antibody (60051-1-Ig, 1:20,000) with si-Control and si-Annexin A2 transfected HEK293 cells. This data was developed using the same antibody clone with 60051-1-PBS in a different storage buffer formulation.



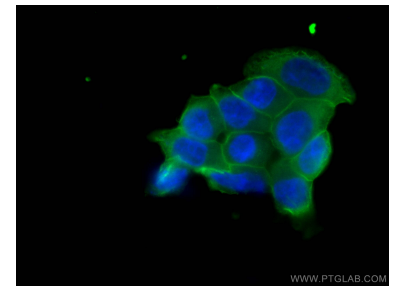
WB result of Annexin A2 antibody (60051-1-Ig; 1:10000; room temperature for 1.5 hours) with wild-type and sg-Annexin A2 transfected THP-1 cells. This data was developed using the same antibody clone with 60051-1-PBS in a different storage buffer formulation.



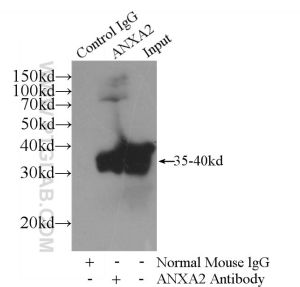
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 60051-1-Ig (Annexin A2 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60051-1-PBS in a different storage buffer formulation.



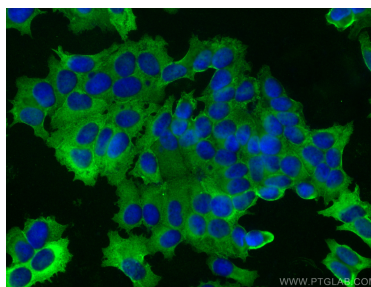
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 60051-1-Ig (Annexin A2 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60051-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed T-47D cells using 60051-1-Ig (Annexin A2 antibody), at dilution of 1:500 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 60051-1-PBS in a different storage buffer formulation.



IP result of anti-Annexin A2 (IP:60051-1-Ig, 4ug; Detection:60051-1-Ig 1:1500) with HeLa cells lysate 2400ug. This data was developed using the same antibody clone with 60051-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed MCF-7 cells using Annexin A2 antibody (60051-1-Ig, Clone: 3H1B11) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1). This data was developed using the same antibody clone with 60051-1-PBS in a different storage buffer formulation.