

For Research Use Only

# Annexin V Monoclonal antibody, PBS Only

Catalog Number: 66245-1-PBS

Featured Product



## Basic Information

Catalog Number:

66245-1-PBS

Concentration:

6016  $\mu$ g/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG1538

GenBank Accession Number:

BC001429

GeneID (NCBI):

308

UNIPROT ID:

P08758

Full Name:

annexin A5

Calculated MW:

36 kDa

Observed MW:

36 kDa

Purification Method:

Protein G purification

CloneNo.:

1E6A8

## Applications

Tested Applications:

WB, IHC, IF/ICC, FC (Intra), Indirect ELISA

Species Specificity:

human, mouse, pig

## Background Information

Annexin A5 (ANXA5), is a member of the structurally related family of annexin proteins some of which have been implicated in membrane-related events along exocytotic and endocytotic pathways. Annexin 5 is a phospholipase A2 and protein kinase C inhibitory protein with calcium channel activity and a potential role in cellular signal transduction, inflammation, growth and differentiation. Annexin 5 has also been described as placental anticoagulant protein I, vascular anticoagulant-alpha, endonexin II, lipocortin V, placental protein 4 and anchorin CII.

## Storage

Storage:

Store at  $-80^{\circ}\text{C}$ .

The product is shipped with ice packs. Upon receipt, store it immediately at  $-80^{\circ}\text{C}$

Storage Buffer:

PBS only, pH7.3

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

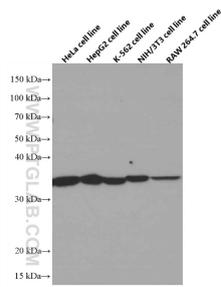
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

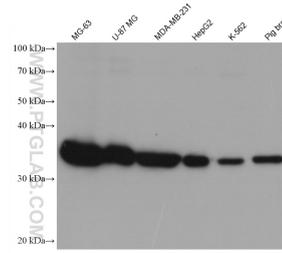
W: [ptgcn.com](http://ptgcn.com)

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

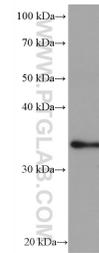
## Selected Validation Data



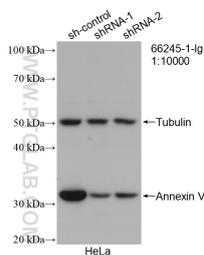
Various cells were subjected to SDS PAGE followed by western blot with 66245-1-Ig (Annexin V antibody) at dilution of 1:13000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66245-1-PBS in a different storage buffer formulation.



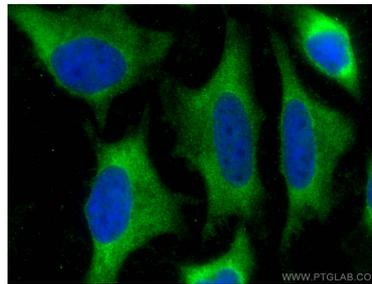
Various lysates were subjected to SDS PAGE followed by western blot with 66245-1-Ig (Annexin V antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66245-1-PBS in a different storage buffer formulation.



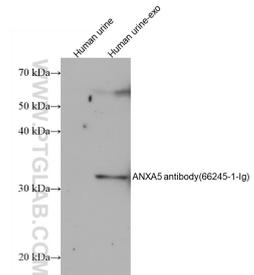
Mouse brain tissue was subjected to SDS PAGE followed by western blot with 66245-1-Ig (Annexin V antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66245-1-PBS in a different storage buffer formulation.



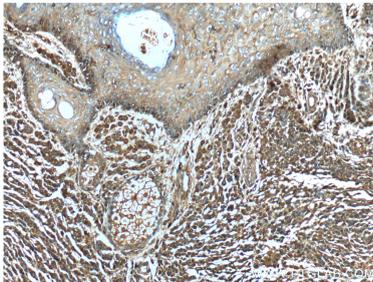
WB result of Annexin V antibody (66245-1-Ig; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-Annexin V transfected HeLa cells. This data was developed using the same antibody clone with 66245-1-PBS in a different storage buffer formulation.



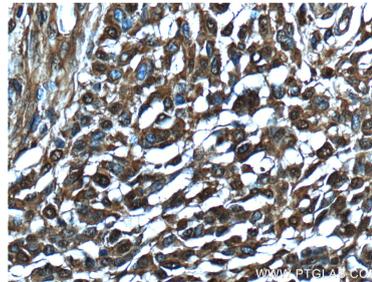
Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using Annexin V antibody (66245-1-Ig, Clone: 1E6A8) at dilution of 1:800 and Coralite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66245-1-PBS in a different storage buffer formulation.



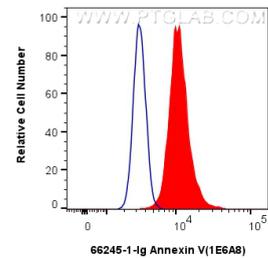
Various lysates were subjected to SDS PAGE followed by western blot with 66245-1-Ig (Annexin V antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66245-1-PBS in a different storage buffer formulation.



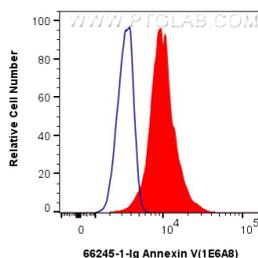
Immunohistochemical analysis of paraffin-embedded human malignant melanoma tissue slide using 66245-1-Ig (Annexin V antibody) at dilution of 1:200 (under 10x lens). This data was developed using the same antibody clone with 66245-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human malignant melanoma tissue slide using 66245-1-Ig (Annexin V antibody) at dilution of 1:200 (under 40x lens). This data was developed using the same antibody clone with 66245-1-PBS in a different storage buffer formulation.



1x10<sup>6</sup> NIH/3T3 cells were intracellularly stained with 0.25 ug Annexin V Monoclonal antibody (66245-1-Ig, Clone:1E6A8) and Coralite@488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1)(red), or 0.25 ug Mouse IgG1 isotype control Mouse McAb (66360-1-Ig, Clone: 1F8D3) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 66245-1-PBS in a different storage buffer



1x10<sup>6</sup> HeLa cells were intracellularly stained with 0.25 ug Annexin V Monoclonal antibody (66245-1-Ig, Clone:1E6A8) and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1)(red), or 0.25 ug Mouse IgG1 isotype control Mouse McAb (66360-1-Ig, Clone: 1F8D3) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 66245-1-PBS in a different storage buffer

