For Research Use Only

Annexin V Monoclonal antibody, PBS Only

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Antibodies | ELISA kits | Proteins
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Catalog Number:66245-1-PBS Featured Product

Basic Information

Catalog Number:
66245-1-PBS

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

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, IF, FC, IHC, Indirect ELISA

Species Specificity:
human, mouse

Background Information

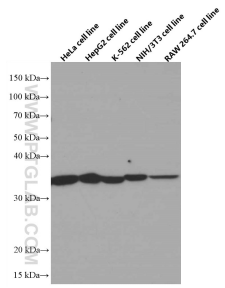
Annexin A5 (ANXA5), is a member of the structurally related family of annexin proteins some of which have been implicated in membrane-related events along exocytotic and endocytotic pathways. Annexin 5 is a phospholipase A2 and protein kinase C inhibitory protein with calcium channel activity and a potential 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

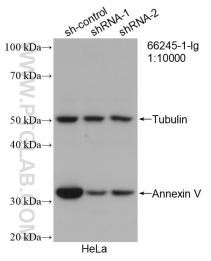
Storage:
Store at -80°C.
Storage Buffer:
PBS Only

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

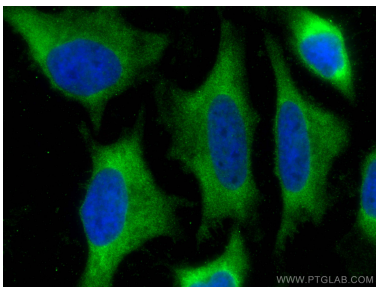
Selected Validation Data



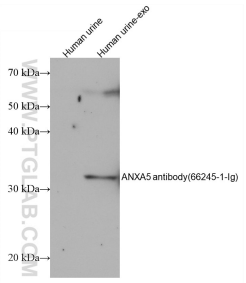
Various cells were subjected to SDS PAGE followed by western blot with 66245-1-Ig (Annexin V antibody) at dilution of 1:13000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66245-1-PBS in a different storage buffer formulation.



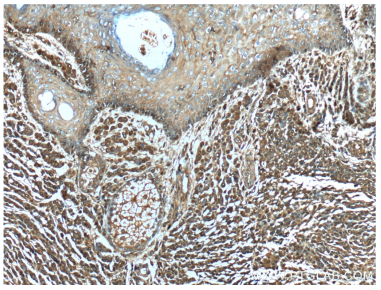
WB result of Annexin V antibody (66245-1-Ig; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-Annexin V transfected HeLa cells. This data was developed using the same antibody clone with 66245-1-PBS in a different storage buffer formulation.



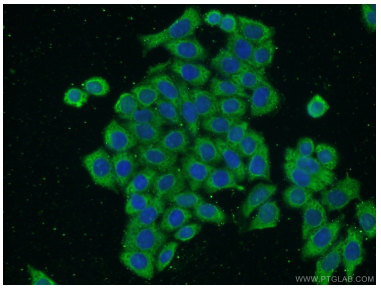
Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using Annexin V antibody (66245-1-Ig, Clone: 1E6A8) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66245-1-PBS in a different storage buffer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



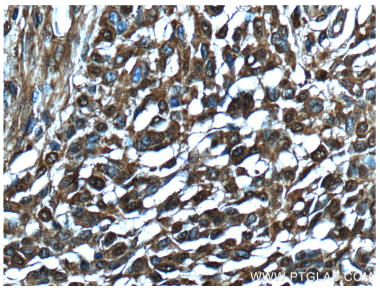
Various lysates were subjected to SDS PAGE followed by western blot with 66245-1-Ig (Annexin V antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66245-1-PBS in a different storage buffer formulation.



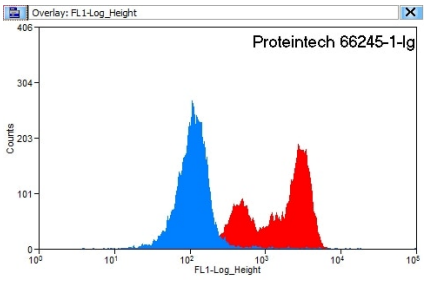
Immunohistochemical analysis of paraffin-embedded human malignant melanoma tissue slide using 66245-1-Ig (Annexin V antibody at dilution of 1:200 (under 10x lens). This data was developed using the same antibody clone with 66245-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of HeLa cells using 66245-1-Ig (Annexin V antibody) at dilution of 1:50 and Alexa Fluor 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.



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.



1X10^6 HeLa cells were stained with 0.2ug Annexin V antibody (66245-1-Ig, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L) with dilution 1:1500. This data was developed using the same antibody clone with 66245-1-PBS in a different storage buffer formulation.