

Product Datasheet

Annexin V Rabbit Polyclonal Antibody (orb10101)

Catalog Number	orb10101
Category	Antibodies
Description	Annexin V Rabbit Polyclonal Antibody
Target	ANXA5
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Mouse, Rat
Form/Appearance	Liquid
Concentration	1mg/ml
Buffer/Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Purification	Affinity purified by Protein A
Immunogen	recombine human Annexin V
UniProt ID	P08758
RRID	AB_10921987
MW	36 kDa

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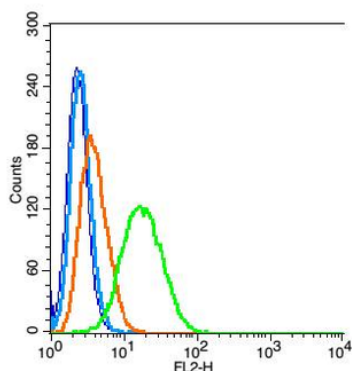
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Tested applications	FC, IF, IHC-Fr, IHC-P, WB
Dilution range	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, Flow-Cyt=1µg /test
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Blank control: RSC96 (blue). Primary Antibody: Rabbit Anti-Annexin V antibody (orb10101), Dilution: 1 µg in 100 µL 1X PBS containing 0.5% BSA, Isotype Control Antibody: Rabbit IgG (orange), used under the same conditions, Secondary Antibody: Goat anti-rabbit IgG-PE (white blue), Dilution: 1:200 in 1 X PBS containing 0.5% BSA. Protocol, The cells were fixed with 2% paraformaldehyde (10 min), then permeabilized with 90% ice-cold methanol for 30 min on ice. Antibody (orb10101, 1 µg/1x10⁶ cells) were incubated for 30 min on the ice, followed by 1 X PBS containing 0.5% BSA + 10% goat serum (15 min) to block non-specific protein-protein interactions. Then the Goat Anti-rabbit IgG/PE antibody was added into the blocking buffer mentioned above to react with the primary antibody of orb10101 at 1/200 dilution for 30 min on ice. Acquisition of 20000 events was performed.

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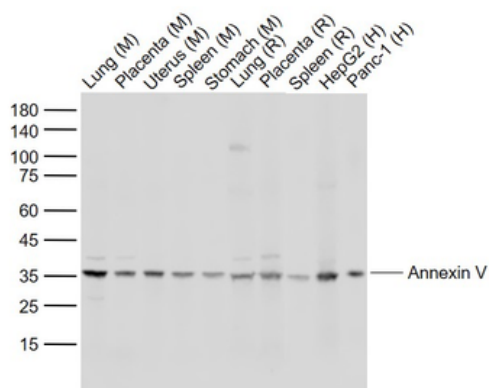
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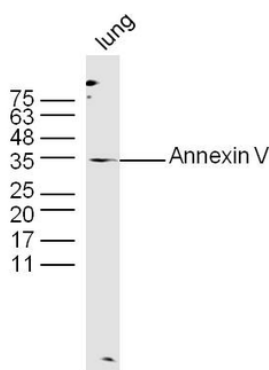
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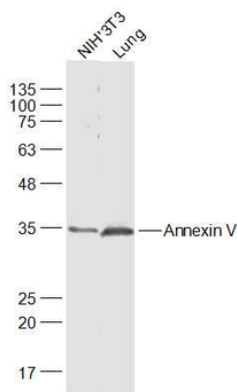
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Sample: Lane 1: Mouse Lung tissue lysates, Lane 2: Mouse Placenta tissue lysates, Lane 3: Mouse Uterus tissue lysates, Lane 4: Mouse Spleen tissue lysates, Lane 5: Mouse Stomach tissue lysates, Lane 6: Rat Lung tissue lysates, Lane 7: Rat Placenta tissue lysates, Lane 8: Rat Spleen tissue lysates, Lane 9: Human HepG2 cell lysates, Lane 10: Human Panc-1 cell lysates, Primary: Anti-Annexin V (orb10101) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 36 kD, Observed band size: 36 kD.



Sample: Lung (Mouse) Lysate at 40 ug, Primary: Anti-Annexin V (orb10101) at 1/300 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 36 kD, Observed band size: 36 kD.



Sample: NIH/3T3 (Mouse) Cell Lysate at 30 ug, Lung (Mouse) Lysate at 40 ug, Primary: Anti-Annexin V (orb10101) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 36 kD, Observed band size: 35 kD.

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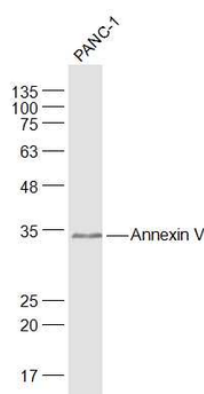
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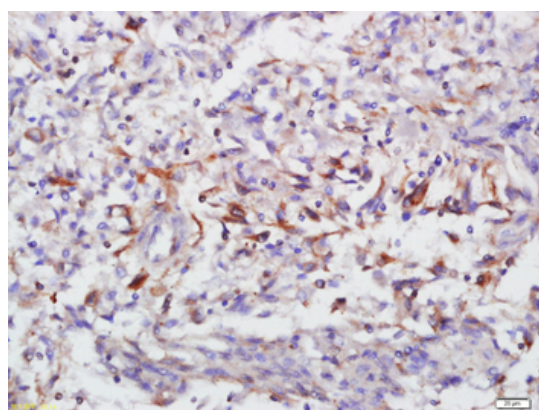
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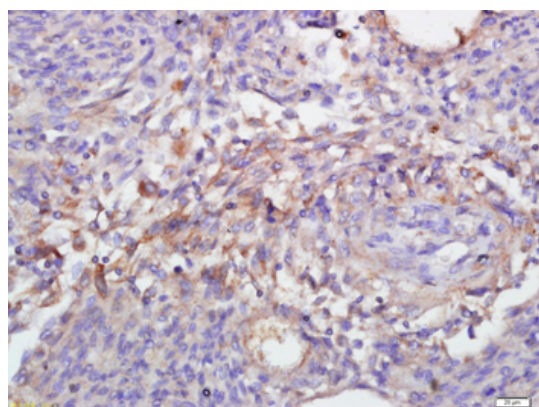
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Sample: PANC-1 (Human) Cell Lysate at 30 ug, Primary: Anti-Annexin V (orb10101) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 36 kD, Observed band size: 35 kD.



Tissue/cell: human lung carcinoma, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-Annexin V Polyclonal Antibody, Unconjugated (orb10101) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.



Tissue/cell: human lung carcinoma, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-Annexin V Polyclonal Antibody, Unconjugated (orb10101) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

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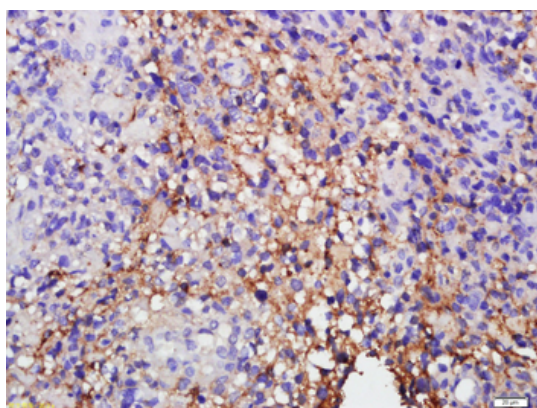
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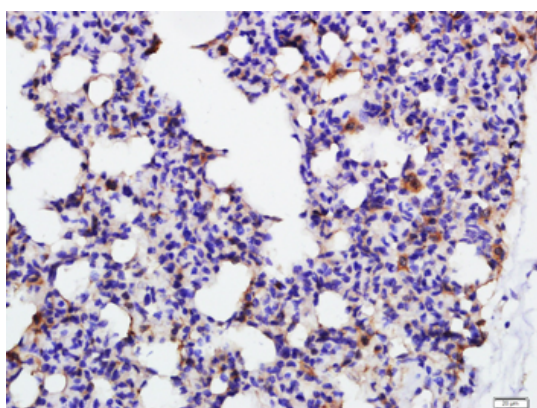
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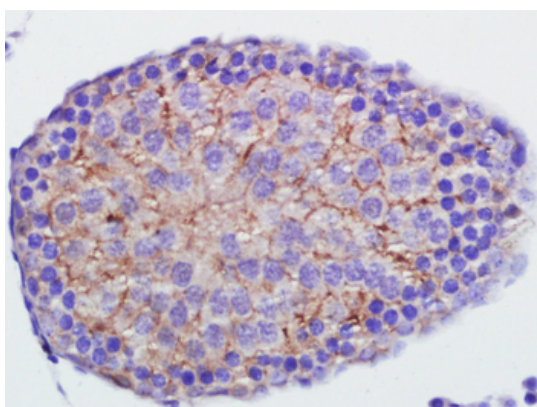
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Tissue/cell: human Neurological glioblastoma, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-Annexin V Polyclonal Antibody, Unconjugated (orb10101) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.



Tissue/cell: rat lung tissue, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-Annexin V Polyclonal Antibody, Unconjugated (orb10101) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.



Tissue/cell: rat testis tissue, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-Annexin V Polyclonal Antibody, Unconjugated (orb10101) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

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