

**bs-0450R**

**[ Primary Antibody ]**

## Annexin V Rabbit pAb

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ANTIBODIES

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### DATASHEET

**Host:** Rabbit

**Clonality:** Polyclonal

**GeneID:** 308

**Target:** Annexin V

**Purification:** affinity purified by Protein A

**Concentration:** 1mg/ml

**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.  
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** The protein encoded by this gene belongs to the annexin family of calcium-dependent phospholipid binding 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. The gene spans 29 kb containing 13 exons, and encodes a single transcript of approximately 1.6 kb and a protein product with a molecular weight of about 35 kDa. [provided by RefSeq, Jul 2008].

**Isotype:** IgG

**SWISS:** P08758

**Applications:** WB (1:500-2000)

**IHC-P** (1:100-500)

**IHC-F** (1:100-500)

**IF** (1:100-500)

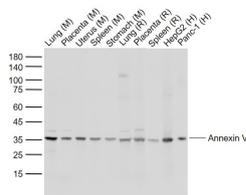
**Flow-Cyt** (1µg /test)

**Reactivity:** Human, Mouse, Rat

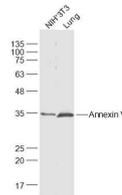
**Predicted MW.:** 36 kDa

**Subcellular Location:** Cell membrane ,Cytoplasm

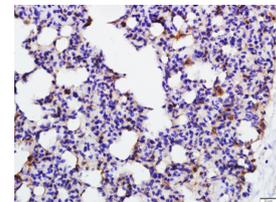
### VALIDATION IMAGES



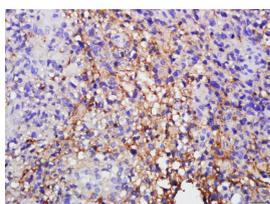
Sample: Lane 1: Mouse Lung tissue lysates Lane 2: Mouse Placenta tissue lysates Lane 3: Mouse Uterus tissue lysates Lane 4: Mouse Spleen tissue lysates Lane 5: Mouse Stomach tissue lysates Lane 6: Rat Lung tissue lysates Lane 7: Rat Placenta tissue lysates Lane 8: Rat Spleen tissue lysates Lane 9: Human HepG2 cell lysates Lane 10: Human Panc-1 cell lysates Primary: Anti-Annexin V (bs-0450R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 36 kD Observed band size: 36 kD



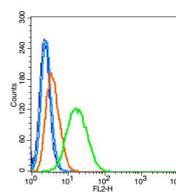
Sample: NIH/3T3(Mouse) Cell Lysate at 30 ug Lung (Mouse) Lysate at 40 ug Primary: Anti-Annexin V (bs-0450R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 36 kD Observed band size: 35 kD



Tissue/cell: rat lung tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-Annexin V Polyclonal Antibody, Unconjugated(bs-0450R) 1:500, overnight at 42. C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: human Neurological glioblastoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (



Blank control: RSC96 (blue). Primary Antibody:Rabbit Anti-Annexin V antibody(bs-0450R), Dilution: 1µg in 100 µL 1X

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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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 (bs-0450R, 1µg /1x10<sup>6</sup> 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 bs-0450R at 1/200 dilution for 30 min on ice. Acquisition of 20,000 events was performed.

## — SELECTED CITATIONS —

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- **[IF=15.84]** Yulian Wang. et al. Delivering Antisense Oligonucleotides across the Blood - Brain Barrier by Tumor Cell - Derived Small Apoptotic Bodies. 2021 May 04 FCM ;Mouse. 10.1002/adv.202004929
- **[IF=9.988]** Jing-zhi Li. et al. RNA binding protein YTHDF1 mediates bisphenol S-induced Leydig cell damage by regulating the mitochondrial pathway of BCL2 and the expression of CDK2-CyclinE1. ENVIRON POLLUT. 2023 Jan;:121144 FCM ;Mouse. 36702435