bs-4895R **[Primary Antibody]**

PIRH2 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 25898 **SWISS:** Q96PM5

Target: PIRH2

Immunogen: KLH conjugated synthetic peptide derived from human PIRH2: 31-130/261.

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: PirH2 has ubiquitin-protein ligase activity. It binds to p53 and promotes the ubiquitin-mediated proteosomal degradation of p53. This gene is oncogenic because loss of p53 function contributes directly to malignant tumor development. Transcription of this gene is regulated by p53 (referenced from entrez gene).[SUBUNIT] Monomer and homodimer. [SUBCELLULAR LOCATION] Nucleus. Nucleus speckle. Cytoplasm.

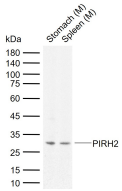
Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)
Flow-Cyt (2ug/Test)
ICC/IF (1:100-500)

Reactivity: Human, Mouse (predicted: Rat, Pig, Sheep, Cow, Dog, Horse)

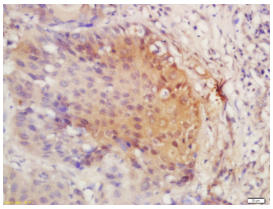
Predicted MW.: 30 kDa

Subcellular Location: Nucleus

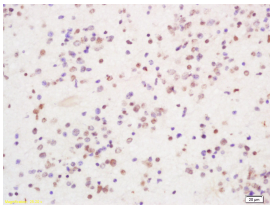
VALIDATION IMAGES



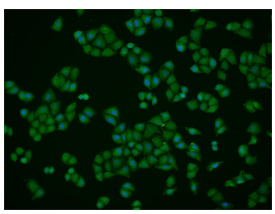
Sample: Lane 1: Mouse Stomach tissue lysates Lane 2: Mouse Spleen tissue lysates Primary: Anti-PIRH2 (bs-4895R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 30 kDa Observed band size: 30 kDa



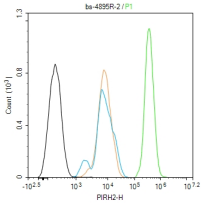
Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-PIRH2 Polyclonal Antibody, Unconjugated(bs-4895R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: human glioma 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-PIRH2 Polyclonal Antibody, Unconjugated(bs-4895R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Hela cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (PIRH2) polyclonal Antibody, Unconjugated (bs-4895R) 1:50, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at



Blank control（black line）:Hela. Primary Antibody (green line): Rabbit Anti-PIRH2 antibody (bs-4895R) Dilution:2ug/Test; Secondary Antibody（white blue line）: Goat anti-rabbit IgG-FITC Dilution: 0.5ug/Test. Isotype control（orange line）: Normal Rabbit IgG Protocol The cells were fixed with 4% PFA

37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.

(10min at room temperature)and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.