

bs-1608R**[Primary Antibody]****PDCD4 Rabbit pAb**

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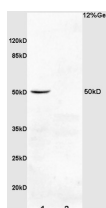
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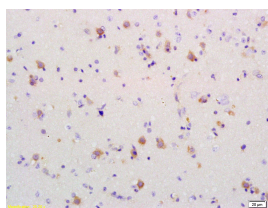
400-901-9800

DATASHEET

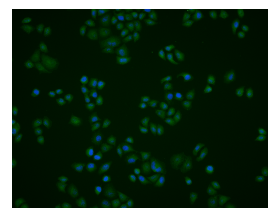
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Flow-Cyt (2ug/Test) ICC/IF (1:100)
Clonality: Polyclonal		
GeneID: 27250	SWISS: Q53EL6	
Target: PDCD4		
Immunogen: KLH conjugated synthetic peptide derived from human PDCD4: 1-100/469.		
Purification: affinity purified by Protein A		Reactivity: Human, Mouse, Rat
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.		Predicted MW.: 52 kDa
Background: This gene is a tumor suppressor and encodes a protein that binds to the eukaryotic translation initiation factor 4A1 and inhibits its function by preventing RNA binding. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2010]		Subcellular Location: Cytoplasm ,Nucleus

VALIDATION IMAGES

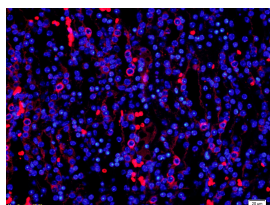
Sample: Lane1: Kidney(Rat) Lysate at 30 ug
 Lane2: Colon carcinoma(Mouse) Lysate at 30 ug
 Primary: Anti-PDCD4 (bs-1608R) at 1:200 dilution;
 Secondary: HRP conjugated Goat Anti-Rabbit IgG(bs-0295G-HRP) at 1:3000 dilution;
 Predicted band size : 50kD Observed band size : 50kD



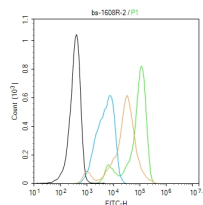
Tissue/cell: human glioma tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-PDCD4 Polyclonal Antibody, Unconjugated(bs-1608R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



HepG2 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 (PDCD4) polyclonal Antibody, Unconjugated (bs-1608R) 1:100, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.



Tissue/cell: mouse kidney tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-PDCD4 Polyclonal Antibody, Unconjugated(bs-1608R) 1:200, overnight at 4°C; The secondary antibody was Goat Anti-Rabbit IgG, Cy3 conjugated(bs-0295G-Cy3)used at 1:200 dilution



Blank control (black line) :HepG2. Primary Antibody (green line): Rabbit Anti-PDCD4 antibody (bs-1608R) 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 (10min at room temperature)and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, The cells were then incubated in

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for 40 minutes at 37°C. DAPI(5ug/ml,blue,C-0033)
was used to stain the cell nuclei

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.

— SELECTED CITATIONS —

- **[IF=4.2]** Yuan, Qing, et al. "Docetaxel-loaded solid lipid nanoparticles suppress breast cancer cells growth with reduced myelosuppression toxicity." International Journal of Nanomedicine 9 (2014): 4829. WB ;="Mouse". 25378924
- **[IF=3.4]** Li Yu. et al. PDCD4 promotes inflammation/fibrosis by activating the PPAR-γ/NF-κB pathway in mouse atrial myocytes. MOL MED REP. 2024 Nov;30(5):1-10 WB ;Mouse. 39301631