

CD28 Rabbit pAb

Catalog Number: bs-1297R

Target Protein: CD28

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), Flow-Cyt (1µg/Test)

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

Predicted MW: 25 kDa

Detected MW: 45 kDa

Entrez Gene: 12487

Swiss Prot: P31041

Source: KLH conjugated synthetic peptide derived from mouse CD28: 1-120/218.

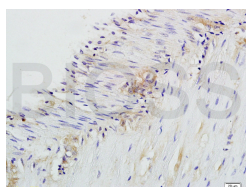
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

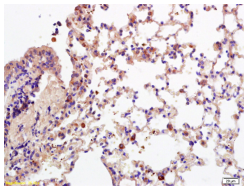
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: The protein encoded by this gene is essential for T-cell proliferation and survival, cytokine production, and T-helper type-2 development. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jul 2011]

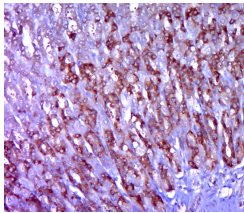
VALIDATION IMAGES



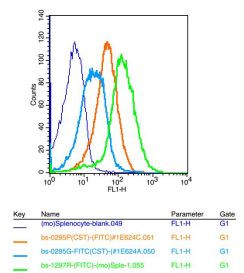
Tissue/cell: rat colitis tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-CD28 Polyclonal Antibody, Unconjugated(bs-1297R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: mouse 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-CD28 Polyclonal Antibody, Unconjugated(bs-1297R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Paraformaldehyde-fixed, paraffin embedded (rat stomach tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CD28) Polyclonal Antibody, Unconjugated (bs-1297R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



Positive control: (mo)Splenocytes(2% Paraformaldehyde-fixed) Isotype Control Antibody: Rabbit IgG; Supplier: Cell Signaling Technology; Dilution: 1µg in 100 µl 1 X PBS containing 0.5% BSA Secondary Antibody: Goat anti-rabbit IgG-FITC; Supplier: Cell Signaling Technology; Dilution: 1:200 in 1 X PBS containing 0.5% BSA Primary Antibody Supplier: Bioss; Supplier catalog number: bs-1297R; Dilution: 1µg in 100 µl 1X PBS containing 0.5% BSA

PRODUCT SPECIFIC PUBLICATIONS

[IF=2.06] Liu, Shangjing, et al. "Costimulatory Molecule CD28 Participates in the Process of Embryo Implantation in Mice." Reproductive Sciences (2013): 1933719113512537. IHC ; ="Mouse" . 24336670