

Anti-CD28 Polyclonal Antibody

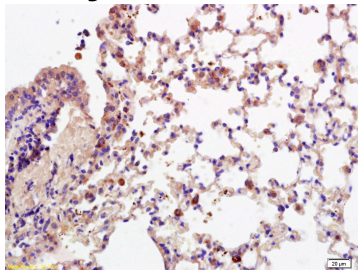
Product Details

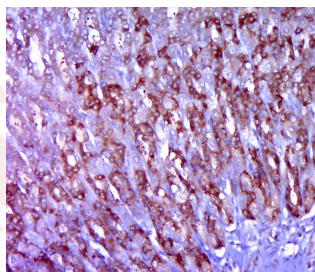
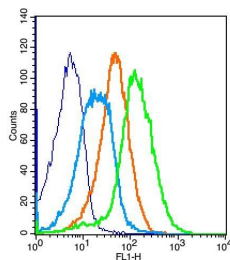
Ig Type:	IgG
Reactivity:	Mouse,Rat (predicted:Human,Chicken,Dog,Pig,Cow,Horse)
Molecular Weight:	Theoretical: 25 kDa. Actual: 45 kDa.
Purification:	Protein A purified

Applications

1. Tissue/cell: mouse lung tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH6.0), 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-CD28 Polyclonal Antibody, Unconjugated (TMAB-00349) 1:200, overnight at 4° C, followed by conjugation to the secondary antibody and DAb staining.
2. Positive control: (mo) splenocytes (2% Paraformaldehyde-fixed)
Isotype Control Antibody
Antibody: Rabbit IgG;
Supplier: Cell Signaling Technology;
Dilution: 1 µg in 100 µL 1 X PBS containing 0.5% BSA
Secondary Antibody
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: TMAB-00349;
Dilution: 1 µg in 100 µL 1X PBS containing 0.5% BSA
3. Paraformaldehyde-fixed, paraffin embedded (rat stomach tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 min; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (CD28) Polyclonal Antibody, Unconjugated (TMAB-00349) at 1:400 overnight at 4°C, followed by a conjugated secondary for 20 min and DAB staining.

Verified Activity:





Application: FCM,IF,IHC-Fr,IHC-P

Recommended IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500; FCM: 1µg/Test

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: mouse CD28

Antigen Species: Mouse

Gene ID: 12487

Uniprot ID: P31041

Synonyms: CD28 molecule

Biology Area: CD,Regulatory T Cells,CD,NK Cell Lineage,T Lymphocytic Lineage

Research 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]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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