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CD28 Rabbit pAb

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Catalog # AP52187

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	P31041
Reactivity	Rat, Mouse
Predicted	Pig, Human, Chicken, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from mouse CD28
Epitope Specificity	1-120/218
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Membrane; Single-pass type I membrane protein.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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]

Additional Information

Other Names	T-cell-specific surface glycoprotein CD28, CD28, Cd28
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,Flow-Cyt=1 □g/Test
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Background

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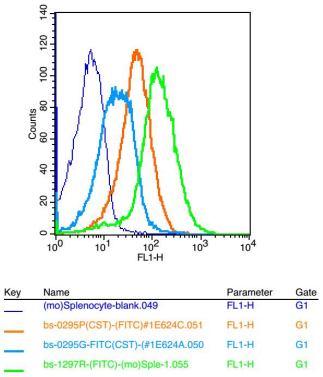
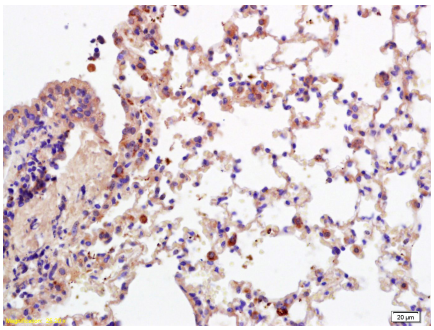
References

Gross J.A.,et al.J. Immunol. 144:3201-3210(1990).
Church D.M.,et al.PLoS Biol. 7:E1000112-E1000112(2009).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Harper K.,et al.J. Immunol. 147:1037-1044(1991).

Images



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: AP52187;
Dilution: 1 µg in 100 µl 1X PBS containing 0.5% BSA



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(AP52187) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.