

Datasheet for ABIN1714990
anti-CD28 antibody (AA 19-69)



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1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	CD28
Binding Specificity:	AA 19-69
Reactivity:	Human, Mouse, Rat, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD28 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CD28
Isotype:	IgG
Cross-Reactivity:	Cow, Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	CD28
Alternative Name:	CD28 (CD28 Products)
Background:	Synonyms: Tp44, T-cell-specific surface glycoprotein CD28, CD28

Target Details

Background: Involved in T-cell activation, the induction of cell proliferation and cytokine production and promotion of T-cell survival.

Gene ID: 940

UniProt: [P10747](#)

Pathways: [TCR Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#)

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

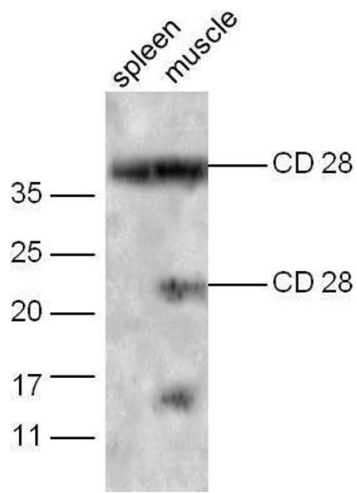
Storage: 4 °C, -20 °C

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

Expiry Date: 12 months

Publications

Product cited in: Song, Weng, Cai, Zhang, Wang: "Forsythoside A Inhibits BVDV Replication via TRAF2-Dependent CD28-4-1BB Signaling in Bovine PBMCs." in: **PLoS ONE**, Vol. 11, Issue 9, pp. e0162791, (2017) ([PubMed](#)).



Western Blotting

Image 1. Mouse spleen probed with Rabbit Anti-CD28 Polyclonal Antibody Unconjugated at 1:5000 for 90 min at 37°C.