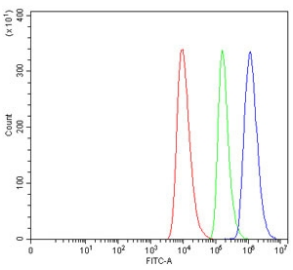
CD28 Antibody (RQ7067)

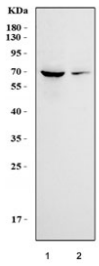
Catalog No.	Formulation	Size
RQ7067	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P10747
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This CD28 antibody is available for research use only.



Flow cytometry testing of human HEL cells with CD28 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= CD58 antibody.



Western blot testing of human 1) Jurkat and 2) HUT-78 cell lysate with CD28 antibody. Expected molecular weight depending on level of glycosylation: ~25-44 kDa (monomer), ~50-90kDa (dimer).

Description

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.

Application Notes

Optimal dilution of the CD28 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids Q15-D214) was used as the immunogen for the CD28 antibody.

Storage

After reconstitution, the CD28 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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