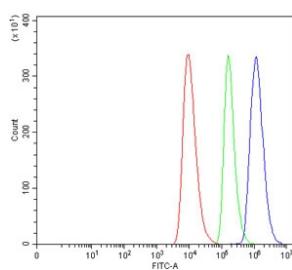


## CD28 Antibody (RQ7067)

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

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	P10747
<b>Applications</b>	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	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.