

# CD28 Rabbit mAb

Catalog No.: A20346 **Recombinant** **2 Publications**

## Basic Information

### Observed MW

45kDa

### Calculated MW

25kDa

### Category

Primary antibody

### Applications

ELISA, WB, FC

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC5082-01

## 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.

## Recommended Dilutions

<b>WB</b>	1:500 - 1:1000
<b>FC</b>	1:50 - 1:200

## Immunogen Information

### Gene ID

940

### Swiss Prot

P10747

### Immunogen

Recombinant protein of human CD28 Full length [P10747].

### Synonyms

Tp44; CD28

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

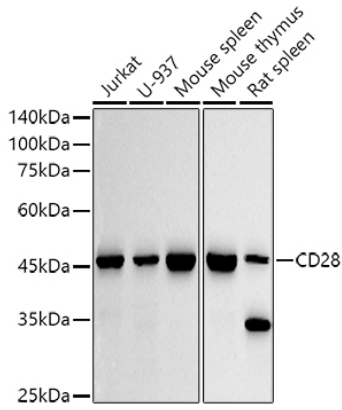
Affinity purification

### Storage

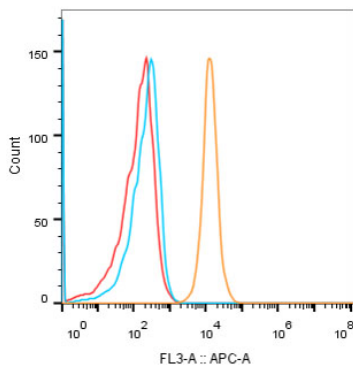
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

## Validation Data



Western blot analysis of extracts of various cell lines, using CD28 antibody (A20346) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 90s.



Flow cytometric analysis of CD28 Rabbit mAb Cocotail (10 µg/mL) in Jurkat cells (Orange) compare to Alexa Fluor 647 conjugated goat anti-rabbit pAb (1:600 dilution) Isotype control (Blue) and non-staining control (Red).