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CD28 Rabbit mAb

Catalog No.: A20346

Recombinant | 6 Publications

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Basic Information

Observed MW
45kDa

Calculated MW
25kDa

Category
Monoclonal Antibodies

Applications
WB, FC, ELISA

Cross Reactivity
Human, Mouse, Rat

Clone No.
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

WB	1:500 - 1:1000
FC	1:50 - 1:200

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
940

Swiss-Prot
P10747

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
Tp44; CD28

Contact

400-999-6126
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Product Information

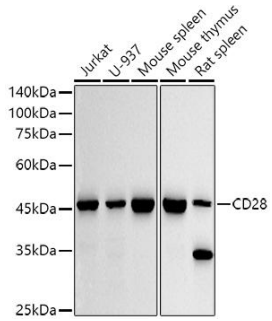
Source
Rabbit

Isotype
IgG

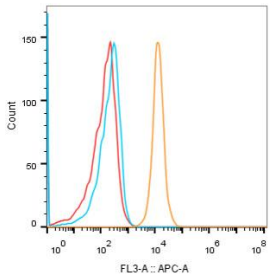
Purity
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of various lysates using CD28 Rabbit mAb (A20346) at 1:1000 dilution.
Secondary antibody: HRP-conjugated 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 cytometry: 1X10^6 Jurkat cells were surface-stained with CD28 Rabbit mAb (A20346,10 µg/mL,orange line) or Rabbit IgG isotype control (AC042,2 µg/mL,blue line), followed by Alexa Fluor 647 conjugated goat anti-rabbit pAb. Non-fluorescently stained cells were used as blank control (red line).

For research use only. Not for therapeutic or diagnostic purposes.
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