

CD28 Mouse mAb

Catalog No.: A25129

Basic Information

Observed MW

60kDa

Calculated MW

25kDa

Category

Primary antibody

Applications

WB, IF/ICC, ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

AMC0648

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

IF/ICC 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

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Product Information

Source

Mouse

Isotype

IgG

Purification

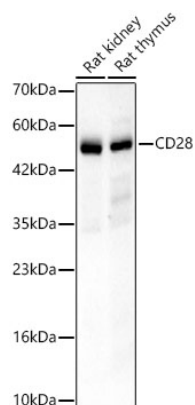
Affinity purification

Storage

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

Buffer: PBS containing 50% glycerol, 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 Mouse mAb (A25129) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Mouse IgG (H+L)(A5003) at 1:10000 dilution.
Lysates / proteins: 25 µg per lane.
Blocking buffer: 3 % nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 90s.