

# 4-1BB/CD137 Rabbit mAb

Catalog No.: A22167 **Recombinant**

## Basic Information

### Observed MW

24-28kDa 40-50kDa

### Calculated MW

28kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human

### CloneNo number

ARC55368

## Background

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor contributes to the clonal expansion, survival, and development of T cells. It can also induce proliferation in peripheral monocytes, enhance T cell apoptosis induced by TCR/CD3 triggered activation, and regulate CD28 co-stimulation to promote Th1 cell responses. The expression of this receptor is induced by lymphocyte activation. TRAF adaptor proteins have been shown to bind to this receptor and transduce the signals leading to activation of NF-kappaB.

## Recommended Dilutions

**WB** 1:2000 - 1:20000

## Immunogen Information

### Gene ID

3604

### Swiss Prot

Q07011

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 24-186 of human 4-1BB/CD137 (NP\_001552.2).

### Synonyms

ILA; 4-1BB; CD137; CDw137; IMD109; 4-1BB/CD137

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

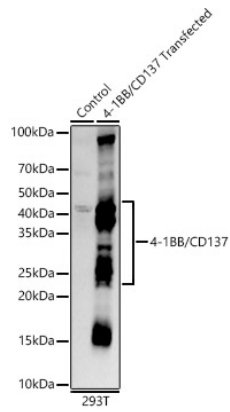
### Storage

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

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

## Validation Data

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Western blot analysis of lysates from wild type (WT) and 293T cells transfected with 4-1BB/CD137 using 4-1BB/CD137 Rabbit mAb (A22167) at 1:20000 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: 30s.