

CD137 Rabbit mAb

Catalog No.: A26248 **Recombinant**

Basic Information

Observed MW

24-28kDa,40-50kDa

Calculated MW

28kDa

Category

Primary antibody

Applications

WB,IF/ICC,ELISA

Cross-Reactivity

Mouse

CloneNo number

ARC69317

Background

Enables cytokine binding activity; identical protein binding activity; and signaling receptor activity. Acts upstream of or within negative regulation of interleukin-10 production; negative regulation of interleukin-12 production; and regulation of cell population proliferation. Located in external side of plasma membrane and extracellular space. Is expressed in renal vasculature. Orthologous to human TNFRSF9 (TNF receptor superfamily member 9).

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

21942

Swiss Prot

P20334

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 24-187 of mouse CD137 (NP_001070977.1).

Synonyms

ILA; Ly63; 4-1BB; Cd137; CDw137; A930040I11Rik

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

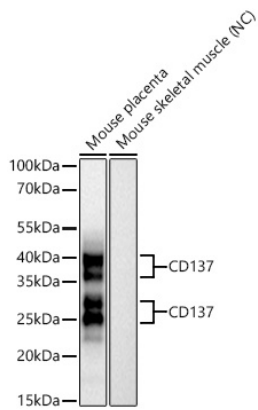
Affinity purification

Storage

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

Buffer: PBS with 0.09% Sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Western blot analysis of various lysates using CD137 Rabbit mAb (A26248) at 1:1000 dilution incubated overnight at 4°C.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

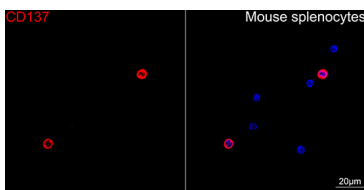
Lysates/proteins: 25 µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Negative control (NC): Mouse skeletal muscle

Exposure time: 30s.



Confocal imaging of Mouse splenocytes cells using CD137 Rabbit mAb (A26248, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.