



## CD137 Rat monoclonal antibody

Catalog: MB65858

Host: Rat

Reactivity: Mouse

### BackGround:

TNFRSF9 is a member of the tumor necrosis factor receptor superfamily. It is also called 4-1BB or CD137. 4-1BB/CD137/TNFRSF9 is expressed in activated CD4+ and CD8+ T cells, natural killer cells and dendritic cells. The ligand 4-1BBL/CD137L/TNFRSF9 on antigen presenting cells binds to 4-1BB/CD137/TNFRSF9 and costimulates the activation of T cells. The binding of agonistic antibodies to 4-1BB/CD137/TNFRSF9 also leads to costimulation for T cell activation. Studies have shown the effectiveness of targeting 4-1BB/CD137/TNFRSF9 by its agonistic antibodies in cancer immunotherapy.

### Product:

Rat IgG2a. Liquid in PBS, pH 7.3, and 0.02% sodium azide.

### Molecular Weight:

~ 27 kDa

### Swiss-Prot:

P20334

### Purification&Purity:

The monoclonal antibody was affinity-purified from Rat antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

IF (1/50 - 1/200)

### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

Recognizes mouse CD137

### DATA:

### Note:

For research use only, not for use in diagnostic procedure.

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