

## Catalog #: 51723

### Aliases

CD137; ILA; Tumor necrosis factor receptor superfamily member 9; 4-1BB ligand receptor; CDw137; T-cell antigen 4-1BB homolog; T-cell antigen ILA; CD137

### Background

Gene Name: TNFRSF9

NCBI Gene Entry: [3604](#)

UniProt Entry: [Q07011](#)

### Application Information

Molecular Weight: Predicted, 27 kDa; observed, 27 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human, mouse, rat, monkey

Applications Tested: Western blotting (WB), immunocytochemistry (IC)

### Immunogen

A synthesized peptide derived from human CD137

### Isotype

Rabbit IgG

### Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

### Storage

Store at -20 °C for one year.

### Recommended Dilutions

Western Blotting (WB): 1:500-1:1,000

Immunocytochemistry (IC): 1:100-1:500

**Note:** This product is for research use only.

### Validation Data

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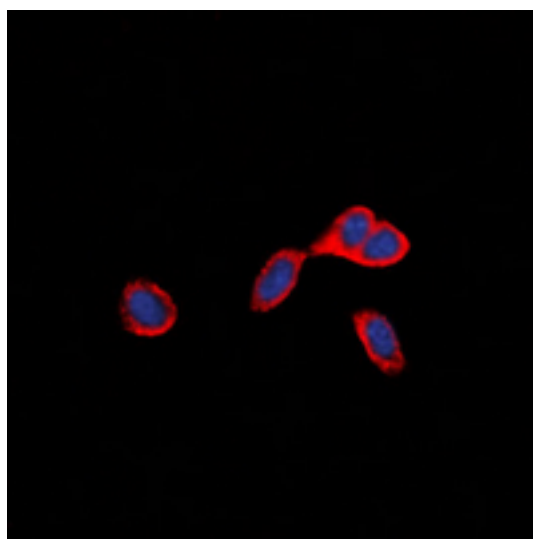
#### SUPPORT

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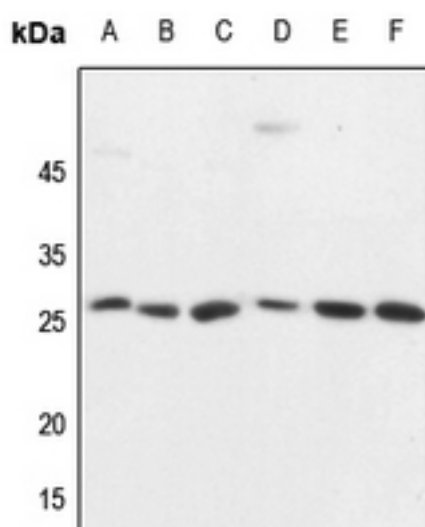
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Immunocytochemical analysis of CD137 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



Western blotting analysis of CD137 expression in HEK293T (A), Hela (B), HepG2 (C), mouse brain (D), mouse spleen (E), rat spleen (F) whole cell lysates.