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Anti-CD137 Antibody

Rabbit polyclonal antibody to CD137
Catalog # AP60689

Product Information

Application	WB, IF/IC
Primary Accession	Q07011
Other Accession	P20334
Reactivity	Human, Mouse, Rat, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27899

Additional Information

Gene ID	3604
Other Names	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
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD137. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IF/IC (1/100 - 1/500) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

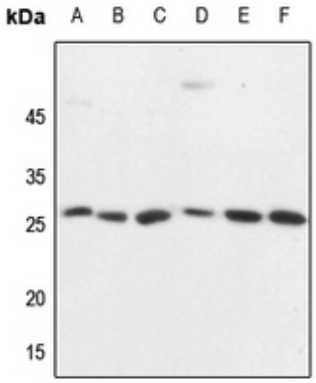
Protein Information

Name	TNFRSF9
Synonyms	CD137, ILA
Function	Receptor for TNFSF9/4-1BBL. Conveys a signal that enhances CD8(+) T-cell survival, cytotoxicity, and mitochondrial activity, thereby promoting immunity against viruses and tumors (Probable).
Cellular Location	Cell membrane; Single-pass type I membrane protein
Tissue Location	Expressed on the surface of activated T-cells.

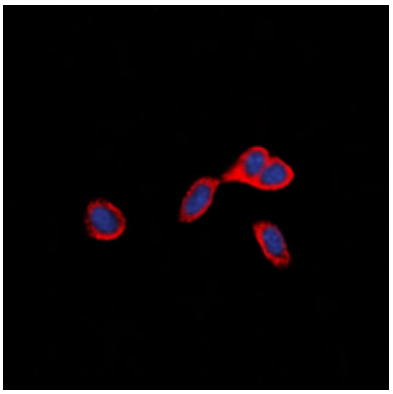
Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD137. The exact sequence is proprietary.

Images



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



Immunofluorescent 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 hidified 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).