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30-1586: Anti-CD137 / 4-1BB Monoclonal Antibody (Clone:4B4-1)-Low Endotoxin

Clonality :	Monoclonal
Clone Name :	4B4-1
Application :	FACS, IP, ELISA, Functional Assay
Reactivity :	Human, Non-Human Primates
Gene :	TNFRSF9
Gene ID :	3604
Uniprot ID :	Q07011
Format :	Low Endotoxin
Alternative Name :	TNFRSF9,CD137,ILA
Isotype :	Mouse IgG1
Immunogen Information :	Recombinant human CD137 ectodomain

Description

CD137, also known as TNFRSF9 or 4-1BB, is an inducible costimulatory molecule expressed mainly on activated T cells. Its ligand, known as 4-1BBL, is expressed on activated macrophages, mature B cells, hematopoietic stem cells, and myeloid progenitor cells. CD137 signaling leads to maintaining the survival of activated T cells and CD8+ memory T cells, and clonal expansion of T cells, but also to suppressing myelopoiesis and dendritic cell development. Triggered CD137 induces a cytokine release profile regulating peripheral monocyte survival. Soluble forms of CD137 may provide negative control mechanism for some immune responses.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Flow Cytometry Immunoprecipitation ELISA Functional Application inhibition of cytokine production

For Research Use Only. Not for use in diagnostic/therapeutics procedures.