CD137 (human):Fc (human), (recombinant)

Citations: 1 View Online »

Manuals, SDS & CofA View Online »

Handling & Storage

Use/Stability	Stable for at least 6 months after receipt when stored at -20°C.
Handling	Avoid freeze/thaw cycles. After reconstitution, prepare aliquots and store at -20°C.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	4-1BB, TNFRSF 9
Application Notes	ELISA: binds to CD137L at 10-100 ng/ml. Can be used together with anti-human IgG1 PAb to detect membrane-bound human CD137. Functional Application: Induces proliferation of monocytes. **Note:** Induction of monocyte proliferation by CD137 required immobilization of the CD137 protein, e.g. by coating of the protein to the surface of the tissue culture dishes.
Concentration	1mg/ml after reconstitution.
Endotoxin Content	<0.1EU/μg purified protein (LAL test; Associates of Cape Cod).
Formulation	Lyophilized. Contains PBS.
MW	~50kDa (SDS-PAGE).
Purity	≥95% (SDS-PAGE)
Reconstitution	Reconstitute with 50μl sterile water. Further dilutions should be made with medium containing 5% fetal calf serum or a carrier protein.
Source	Produced in HEK 293 cells. The cysteine-rich region of human CD137 (4-1BB) (aa 1-186) is fused to the Fc portion of human IgG1.

Specificity	Binds human CD137L (4-1BBL).
UniProt ID	Q07011

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