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CD137

Purified Mouse Monoclonal Antibody
Catalog # AO2682a

Product Information

Application	WB, IHC, ICC, E
Primary Accession	Q07011
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	4G10B9
Isotype	Mouse IgG1
Calculated MW	27899
Immunogen	Purified recombinant fragment of human CD137 (AA: extra 24-186) expressed in E. Coli.
Formulation	Purified antibody in PBS with 0.05% sodium azide

Additional Information

Gene ID	3604
Other Names	TNFRSF9; ILA; 4-1BB; CDw137
Dilution	WB~~ 1/500 - 1/2000 IHC~~1:100~500 ICC~~N/A E~~ 1/10000
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CD137 is for research use only and not for use in diagnostic or therapeutic procedures.

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.

References

1.Clin Cancer Res. 2014 Jan 1;20(1):44-55.2.Cancer Res. 2013 Jan 15;73(2):652-61.

Images

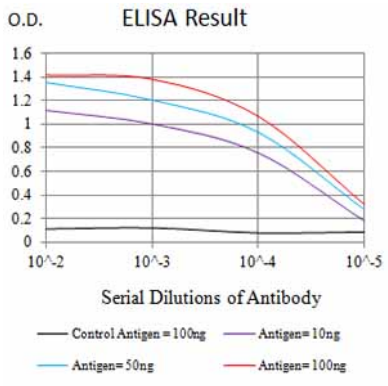

Figure 1:Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

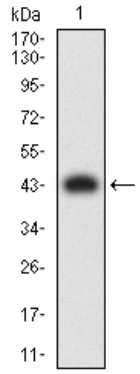

Figure 2:Western blot analysis using CD137 mAb against human CD137 (AA: extra 24-186) recombinant protein. (Expected MW is 43.2 kDa)

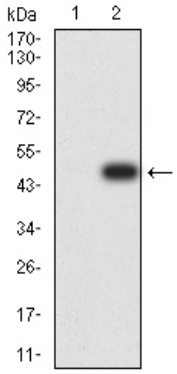

Figure 3:Western blot analysis using CD137 mAb against HEK293 (1) and CD137 (AA: extra 24-186)-hIgGFc transfected HEK293 (2) cell lysate.

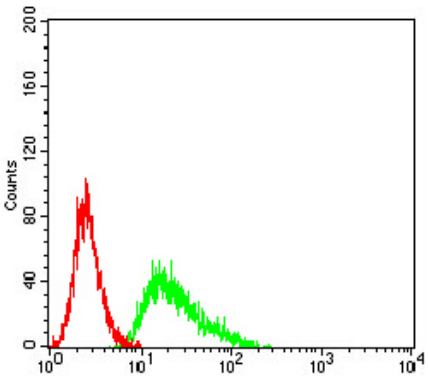

Figure 4:Flow cytometric analysis of Ramos cells using CD137 mouse mAb (green) and negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.