

Mouse Monoclonal Antibody to CD137

Catalogue Number	sAP-1698
Target Molecule	Name: CD137 Aliases: TNFRSF9; ILA; 4-1BB; CDw137 MW: 27.9kDa Entrez Gene ID: 3604
Description	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor contributes to the clonal expansion, survival, and development of T cells. It can also induce proliferation in peripheral monocytes, enhance T cell apoptosis induced by TCR/CD3 triggered activation, and regulate CD28 co-stimulation to promote Th1 cell responses. The expression of this receptor is induced by lymphocyte activation. TRAF adaptor proteins have been shown to bind to this receptor and transduce the signals leading to activation of NF-kappaB.
Immunogen	Purified recombinant fragment of human CD137 (AA: extra 24-186) expressed in HEK293 cells.
Reactive Species	Human;
Clone	MM4C1A9
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: N to A; FCM: 1 to 200 - 1 to 400; IHC: N to A
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Clin Cancer Res. 2014 Jan 1;20(1):44-55.2.Cancer Res. 2013 Jan 15;73(2):652-61.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**