

## Mouse Monoclonal Antibody to CD154

Catalogue Number	sAP-1713
Target Molecule	<b>Name: CD154</b> <b>Aliases:</b> CD40LG; IGM; IMD3; TRAP; gp39; CD40L; HIGM1; T-BAM; TNFSF5; hCD40L <b>MW: 29.3kDa</b> <b>Entrez Gene ID: 959</b>
Description	The protein encoded by this gene is expressed on the surface of T cells. It regulates B cell function by engaging CD40 on the B cell surface. A defect in this gene results in an inability to undergo immunoglobulin class switch and is associated with hyper-IgM syndrome.
Immunogen	Purified recombinant fragment of human CD154 (AA: extra 47-261) expressed in E. Coli.
Recitative Species	Human;
Clone	MM5A3A9
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 H <sub>2</sub> O, 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.Hematology. 2016 Apr;21(3):187-92. 2.Mol Cell Probes. 2015 Dec;29(6):335-342.

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 ender users! This product is sold for **Research Use Only**