

Mouse Monoclonal Antibody to CD152

Catalogue Number	sAP-1683
Target Molecule	Name: CD152 Aliases: CTLA4; CD; GSE; GRD4; ALPS5; CTLA-4; IDDM12; CELIAC3 MW: 24.6kDa Entrez Gene ID: 1493
Description	This gene is a member of the immunoglobulin superfamily and encodes a protein which transmits an inhibitory signal to T cells. The protein contains a V domain, a transmembrane domain, and a cytoplasmic tail. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. The membrane-bound isoform functions as a homodimer interconnected by a disulfide bond, while the soluble isoform functions as a monomer. Mutations in this gene have been associated with insulin-dependent diabetes mellitus, Graves disease, Hashimoto thyroiditis, celiac disease, systemic lupus erythematosus, thyroid-associated orbitopathy, and other autoimmune diseases.
Immunogen	Purified recombinant fragment of human CD152 (AA: extra 36-161) expressed in E. Coli.
Recitative Species	Human;
Clone	MM8B3F8
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. Asian Pac J Cancer Prev. 2016;17(8):3785-91. 2. Eur J Cancer. 2015 Nov;51(17):2689-97.

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**