

Mouse Monoclonal Antibody to CD3G

Catalogue Number	sAP-1740
Target Molecule	Name: CD3G Aliases: T3G; IMD17; CD3-GAMMA MW: 20.5kDa Entrez Gene ID: 917
Description	The protein encoded by this gene is the CD3-gamma polypeptide, which together with CD3-epsilon, -delta and -zeta, and the T-cell receptor alpha/beta and gamma/delta heterodimers, forms the T-cell receptor-CD3 complex. This complex plays an important role in coupling antigen recognition to several intracellular signal-transduction pathways. The genes encoding the epsilon, gamma and delta polypeptides are located in the same cluster on chromosome 11. Defects in this gene are associated with T cell immunodeficiency.
Immunogen	Purified recombinant fragment of human CD3G (AA: extra 23-116) expressed in E. Coli.
Reactive Species	Human;
Clone	MM5B7B2
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 ₂ 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.Scand J Immunol. 2014 Nov;80(5):354-61.2.DNA Cell Biol. 2012 Sep;31(9):1480-5.

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**