

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 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.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**