

Mouse Monoclonal Antibody to CD247

Catalogue Number	sAP-0370
Target Molecule	Name: CD247 Aliases: T3Z; CD3H; CD3Q; CD3Z; TCRZ; CD3-ZETA; CD247 MW: 18kDa Entrez Gene ID: 919
Description	The protein encoded by this gene is T-cell receptor zeta, which together with T-cell receptor alpha/beta and gamma/delta heterodimers, and with CD3-gamma, -delta and -epsilon, forms the T-cell receptor-CD3 complex. The zeta chain plays an important role in coupling antigen recognition to several intracellular signal-transduction pathways. Low expression of the antigen results in impaired immune response. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.
Immunogen	Purified recombinant fragment of human CD247 expressed in E. Coli.
Reactive Species	Human
Clone	MM4B10;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% 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; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. J Immunol. 2002 Aug 15;169(4):1705-12. ; 2. Arthritis Rheum. 2003 Jul;48(7):1948-55. ; 3. Nat Methods. 2005 Aug;2(8):591-8. ;

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**