

Mouse Monoclonal Antibody to CD37

Catalogue Number	sAP-0261
Target Molecule	Name: CD37 Aliases: GP52-40; TSPAN26; MGC120234 MW: 31.7kDa Entrez Gene ID: 951
Description	CD37, also known as GP52-40, TSPAN26, MGC120234. Enterz Protein NP_001035120. It is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins and other transmembrane 4 superfamily proteins. It may play a role in T-cell-B-cell interactions. Alternate splicing results in multiple transcript variants encoding different isoforms.
Immunogen	Purified recombinant fragment of CD37 expressed in E. Coli. ;
Reactive Species	Human, Mouse
Clone	MM2B8;
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 H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; ICC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. J Immunol. 2004 Mar 1;172(5):2953-61. ; 2. J Immunol. 2007 Jan 1;178(1):154-62.

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**