

## 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. ;

**Recitative 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<sub>2</sub>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**