

CD37 Mouse Monoclonal Antibody

E 10-20320

Background: 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.

Catalog Number: E10-20320

Amount: 100 μ g/100 μ l

Clone Number: 2B8

Species: Mouse IgG1

MW: 31.7kDa

Aliases: GP52-40; TSPAN26; MGC120234

Entrez Gene: 951

Immunogen: Purified recombinant fragment of CD37 expressed in E. Coli.

Storage: Store at 4 °C for long term storage, store at

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human, Mouse

Tested Applications: IF, ELISA. Not yet tested in other applications. Determining optimal working dilutions by titration test.

Application notes: IF.1/200 - 1/1000.ELISA. Propose dilution 1/10000.

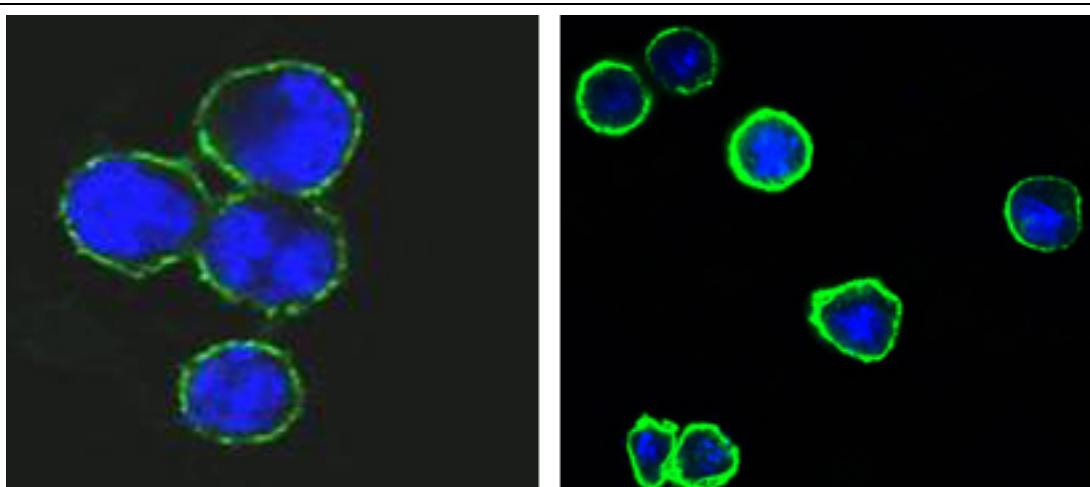


Figure 1. Confocal immunofluorescence analysis of methanol-fixed BCBL-1 (left) and L1210 (right) cells using CD37 mouse mAb(green), showing membrane localization. Blue. DRAQ5 fluorescent DNA dye.