RecomAb™

CD37 recombinant monoclonal antibody, clone MB-1

Catalog #   RAB03241   Size   200 ug

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human CD37.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against lymph node cells from a patient with nodular poorly differentiated lymphocytic lymphoma.
Reactivity	Human
Form	Liquid
Isotype	IgG
Recommend Usage	Flow Cytometry Immunocytochemistry Immunofluorescence Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS with 0.02% Proclin 300
Storage Instruction	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

- Immunocytochemistry

- Immunofluorescence

- Flow Cytometry

Gene Info — CD37

Entrez GeneID	951
Gene Name	CD37
Gene Alias	GP52-40, MGC120234, TSPAN26
Gene Description	CD37 molecule
Omim ID	151523
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene 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. [provided by RefSeq
Other Designations	CD37 antigen|cell differentiation antigen 37|leukocyte surface antigen CD37|tetraspanin-26

Pathway

- Hematopoietic cell lineage

Disease

- Cardiovascular Diseases

- Diabetes Mellitus

- Edema