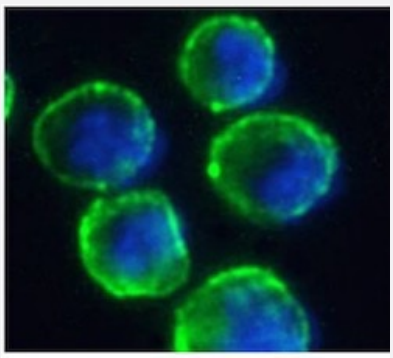
RecomAb™

CD37 recombinant monoclonal antibody, clone WR17

Catalog # RAB03243 Size 200 ug

Applications



Immunofluorescence

Immunofluorescent staining of Daudi cells with CD37 recombinant monoclonal antibody, clone WR17 (Cat # RAB03243).
Immunofluorescence analysis of paraformaldehyde fixed Daudi cells on Shi-fix™ coverslips- permewith 0.15% Triton and stained with the chimeric r version of RAB03243 at 10 ug/ml for 1h followed by Alexa Fluor® 488 secondary antibody (1 ug/ml)- showing membrane staining. The nuclear stain is DAPI (blue). The isotype control was stained with an anti-Fluorescein antibody (0) followed by Alexa Fluor® 488 secondary antibody.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human CD37.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against chronic lymphocytic leukaemia cells.
Reactivity	Human
Form	Liquid
Isotype	IgG
Recommend Usage	Flow Cytometry Immunofluorescence Immunohistochemistry
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

- Immunohistochemistry
- Immunofluorescence

  Immunofluorescent staining of Daudi cells with CD37 recombinant monoclonal antibody, clone WR17 (Cat # RAB03243). Immunofluorescence analysis of paraformaldehyde fixed Daudi cells on Shi-fix™ coverslips- permewith 0.15% Triton and stained with the chimeric r version of RAB03243 at 10 ug/ml for 1h followed by Alexa Fluor® 488 secondary antibody (1 ug/ml)- showing membrane staining. The nuclear stain is DAPI (blue). The isotype control was stained with an anti-Fluorescein antibody (0) followed by Alexa Fluor® 488 secondary antibody.

- 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 a s the tetraspanin family. Most of these members are cell-surface proteins that are characterized b y 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 prot ein 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 m ultiple 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