

Mouse anti-Human CD37 Monoclonal Antibody | anti-CD37 antibody

Anti-CD37 [G28-1]

CATALOG # AAA72228	HOST Mouse	REACTIVITY Human
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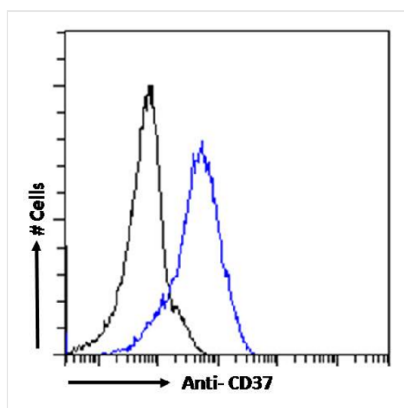
PRODUCT SYNONYMS

CD37; Monoclonal Antibody; Anti-CD37 [G28-1]; TSPAN-26; Leukocyte antigen CD37; Tetraspanin-26; tetraspanin; Tspan-26; anti-CD37 antibody

PRODUCT SPECIFICATIONS

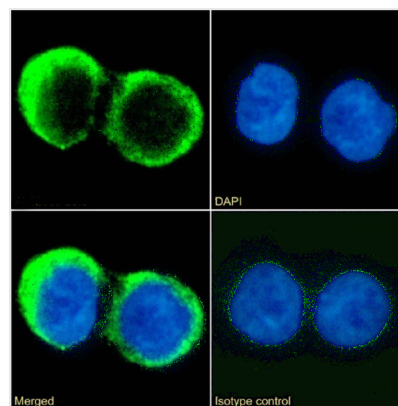
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1, kappa
Clone Number	G28-1
Specificity	This antibody recognizes CD37, which is a cell surface protein, present mostly on mature B cells and B cell malignancies.
Purity/Purification	Purified antibody. Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



FCM/FACS (Flow Cytometry)

Flow cytometry using the Anti-CD37 antibody G28-1. Paraformaldehyde fixed Daudi cells were stained with anti-unknown specificity antibody or the rabbit IgG version of G28-1 at a dilution of 1:100 for 1h at RT. After washing, the bound antibody was detected using a goat anti-rabbit IgG AlexaFluor 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.



IF (Immunofluorescence)

Immunofluorescence staining of fixed Daudi cells with anti-CD37 antibody G28-1. Immunofluorescence analysis of paraformaldehyde fixed Daudi cells on Shi-fix coverslips stained with the chimeric rabbit IgG version of G28-1 at 10ug/ml for 1h followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor 488 secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CD37 antibody	Recombinant monoclonal antibody to CD37. Recombinant Platform with variable regions (i.e. specificity) from the hybridoma G28-1. This antibody was raised by immunizing mice with CD37.
References	Ledbetter et al. Monoclonal antibodies to a new gp40-45 (CD37) B cell associated cluster group modulate B cell proliferation. LEUCOCYTE TYPING III: WHITE CELL DIFFERENTIATION ANTIGENS: 339-341; Oxford University Press, USA (1987) Note on publication: This article describes the generation of the G28-1 antibody.

NCBI AND UNIPROT INFORMATION

NCBI GI #	91807110
NCBI GeneID	951
NCBI Accession #	NP_001035120.1
NCBI GenBank Nucleotide #	NM_001040031.1
UniProt Accession #	P11049; Q3KPF9; B4DVC1
Molecular Weight	22,563 Da
NCBI Official Full Name	leukocyte antigen CD37 isoform B
NCBI Official Synonym Full Names	CD37 molecule
NCBI Official Symbol	CD37
NCBI Official Synonym Symbols	GP52-40; TSPAN26
NCBI Protein Information	leukocyte antigen CD37
UniProt Protein Name	Leukocyte antigen CD37
UniProt Gene Name	CD37
UniProt Synonym Gene Names	TSPAN26; Tspan-26
UniProt Entry Name	CD37_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd37-antibody-clone-g28-1-elisa/72228>