

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

Anti-CD37 [IPO-24 (ZC37-24)]

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA72158	Mouse	Human	Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay

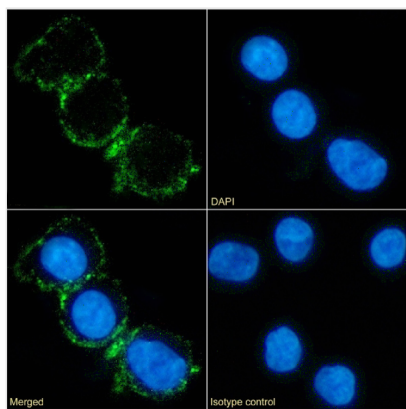
PRODUCT SYNONYMS

CD37; Monoclonal Antibody; Anti-CD37 [IPO-24 (ZC37-24)]; Tetraspanin-26; Leukocyte antigen CD37; tetraspanin; Tspan-26; Gp52-40; anti-CD37 antibody

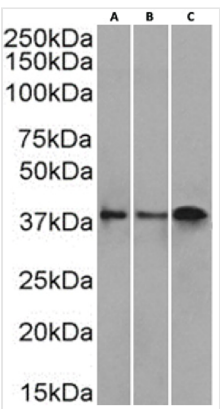
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG2b, kappa
Clone Number	IPO-24 (ZC37-24)
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)
Applicable Applications for anti-CD37 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
PMID	11215818
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



IF (Immunofluorescence)
Immunofluorescence staining of fixed Daudi cells with anti-CD37 antibody IPO-24 (ZC37-24). Immunofluorescence analysis of paraformaldehyde fixed Daudi cells on Shi-fix coverslips stained with the chimeric rabbit IgG version of IPO-24 (ZC37-24) 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.



WB (Western Blot)
Western Blot using anti-CD37 antibody IPO-24 (ZC37-24) Daudi cell lysate(A), human spleen(B), and tonsil(C) tissue lysate (35ug protein in RIPA buffer) was resolved on a SDS PAGE gel and blots were probed with the chimeric rabbit version of IPO-24 (ZC37-24) at 2ug/ml before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence.

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 IPO-24 (ZC37-24). This antibody was raised by immunizing mice with spleen cells of a patient with hairy cell leukemia.
Product Categories/Family for anti-CD37 antibody	lymphoma, leukemia; cancer; immunology; haematology; hematology; oncology
References	Moldenhauer CD37. J Biol Regul Homeost Agents. 2000 Oct-Dec;14(4):281-3. Note on publication: This article describes the characterization of the IPO-24 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

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-ipo-24-zc37-24-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/72158>