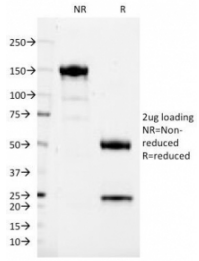
CD37 Antibody [clone IPO-24] (V3006)

Catalog No.	Formulation	Size
V3006-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3006-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3006SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Citations (4)

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	IPO-24
Purity	Protein G affinity chromatography
UniProt	P11049
Localization	Cell surface
Applications	Functional Studies (order BSA/sodium Azide-free Format) : Flow Cytometry : 0.5-1ug/10^6 cells Immunofluorescence : 0.5-1ug/ml
Limitations	This CD37 antibody is available for research use only.



SDS-PAGE Analysis of Purified, BSA-Free CD37 Antibody (clone IPO-24). Confirmation of Integrity and Purity of the Antibody.

Description

CD37 antibody clone IPO-24 is a monoclonal antibody specific for CD37, a member of the tetraspanin family expressed primarily on mature B lymphocytes and dendritic cells. CD37 organizes membrane microdomains and modulates signaling pathways that influence survival, proliferation, and immune interactions. NSJ Bioreagents provides this antibody for immunology, oncology, and hematology research.

The antibody produces strong membranous staining in B cells and dendritic cells. In immunology, CD37 detection supports studies of B cell biology, antigen presentation, and immune regulation. CD37 has been implicated in antibody responses and in the regulation of T cellÃ¢Â€Â“B cell interactions.

In hematology, CD37 is an important marker of B cell lineage. The antibody has been used in research to classify B cell lymphomas and leukemias, where CD37 expression provides diagnostic and prognostic information.

In oncology, CD37 antibody clone IPO-24 has been applied to studies of therapeutic targeting. Because CD37 is selectively expressed on mature B cells and their malignancies, it has been investigated as a target for monoclonal antibodies and antibody-drug conjugates. This reagent supports both preclinical and translational research into CD37-directed therapies.

CD37 also participates in cell adhesion and migration, and its detection has been applied to studies of lymphoid tissue organization and immune signaling networks. By enabling reproducible detection, this antibody provides a versatile tool across multiple disciplines.

Validated in tissue-based and cell-based systems, the antibody provides reliable staining with minimal background. Alternate names include tetraspanin 26 antibody, B cell surface marker antibody, and lymphoid membrane protein antibody.

Application Notes

Optimal dilution of the CD37 antibody should be determined by the researcher.

Immunogen

Spleen cells from a patient with hairy cell leukemia were used as the immunogen for the CD37 antibody.

Storage

Store the CD37 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).