CD37 (Peripheral Mature B-Cell Marker) Antibody - With BSA and Azide

Mouse Monoclonal Antibody [Clone IPO-24 ]
Catalog # AH12730

Specification

CD37 (Peripheral Mature B-Cell Marker) Antibody - With BSA and Azide - Product Information

Application 3,4,
Primary Accession P11049
Other Accession 951, 166556
Reactivity Human
Host Mouse
Clonality Monoclonal
Isotype Mouse / IgG2b, kappa
Clone Names IPO-24
Calculated MW 33-55kDa KDa

CD37 (Peripheral Mature B-Cell Marker) Antibody - With BSA and Azide - Additional Information

Gene ID 951
Other Names Leukocyte antigen CD37, Tetraspanin-26, Tspan-26, CD37, CD37, TSPAN26
Storage Store at 2 to 8°C. Antibody is stable for 24 months.

Precautions CD37 (Peripheral Mature B-Cell Marker) Antibody - With BSA and Azide is for research use only and not for use in diagnostic or therapeutic procedures.

CD37 (Peripheral Mature B-Cell Marker) Antibody - With BSA and Azide - Protein Information

Name CD37
Synonyms TSPAN26
Cellular Location Membrane; Multi-pass membrane protein.
Tissue Location B-lymphocytes.

CD37 (Peripheral Mature B-Cell Marker) Antibody - With BSA and Azide - Background

Recognizes a protein of 33-55kDa, identified as CD37 (Workshop V; Code CD37.7). CD37 is strongly expressed on normal and neoplastic mature (sIg+) B-lymphocytes. In B-cell ontogeny, CD37 appears after the pre-B-cell stage, is maintained during peripheral B-cell development and is lost upon terminal differentiation into plasma cells. CD37 is also present, at low densities, on resting and activated T cells, neutrophils, monocytes, and some myelomonocytic leukemia cells. It is absent from platelets, erythrocytes. CD37 is a member of a family of tetraspan transmembrane proteins, including CD9, CD53, CD63, CD81, and CD82. It associates other tetraspan transmembrane proteins and MHC class II molecules to form a large complex at the surface of B cells and play a role in signal transduction. CD37 is a valuable and stable marker for peripheral mature B-cells and corresponding malignancies like B-cell chronic lymphocytic leukemia (B-CLL), hairy cell leukemia (HCL), and all types of B-cell non-Hodgkin’s lymphoma (B-NHL).

CD37 (Peripheral Mature B-Cell Marker) Antibody - With BSA and Azide - References

- Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytometry
- Cell Culture