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 - Background

Recognizes a protein of 33-55kDa, identified as CD37 (Workshop V; Code CD37.7). CD37 is strongly expressed on normal and neoplastic mature (slg+) 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