

Product datasheet for **AM32392PU-N**

CD37 Mouse Monoclonal Antibody [Clone ID: IPO-24]

Product data:

Product Type:	Primary Antibodies
Clone Name:	IPO-24
Applications:	ELISA, IHC
Recommended Dilution:	ELISA. Flow Cytometry. Immunohistochemistry on Frozen Sections. Immunohistochemistry on Paraffin Sections. <i>IPO-24</i> is a useful antibody for diagnostics of neoplasms of B cell origin of different histological types, including chronic lymphocytic leukemia, hairy cell leukemia, pre-B acute lymphoblastic leukemia and non-Hodgkin's lymphoma.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	IPO-24 was generated after immunization of BALB/c mice with spleen cells of a patient with hairy cell leukemia. Mice splenocytes were fused with the P3-X63-Ag8.653 mouse myeloma cell line.
Specificity:	This antibody reacts with CD37 antigen (Human), 40-52 kDa glycoprotein. <i>IPO-24</i> reacts with Human B cell lines Daudi, Raji, Namalva, Ramos and CABIL, whereas T cell lines CEM, Molt-4, Jurkat, MT-4, H9 and non-lymphoid cell lines MeWo and A-431 are not labelled. <i>IPO-24</i> stains B cell follicles and the most strongly labelled elements are mantle zone lymphoid cells. Neutrophils, macrophages, thymocytes and dendritic reticulum cells are negative.
Formulation:	PBS State: Purified State: Liquid purified IgG fraction Preservative: 0.05% Sodium Azide
Concentration:	lot specific
Conjugation:	Unconjugated



[View online »](#)

Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	CD37 molecule
Database Link:	Entrez Gene 951 Human P11049
Background:	<p>CD37 is a membrane protein of the tetraspanin superfamily, which includes CD9, CD53, CD81, and the R2 antigen among others. Many of these molecules are expressed on leukocytes and have been implicated in signal transduction, cell to cell interactions, and cellular activation and development.</p> <p>The antigen CD37 defined by <i>IPO-24</i> is B lineage restricted and is strongly expressed throughout B cell ontogeny from pre-B cells until the plasmoblasts. CD37 is an extensively glycosylated molecule and usually two and sometimes three N-linked carbohydrate chain are attached to the protein.</p>
Synonyms:	TSPAN26, Tetraspanin-26