

Product datasheet

anti-CD37 mouse monoclonal, IPO-24, purified

Short overview

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| Cat. No. | 691578 |
| Quantity | 1 ml (100 µg/ml) |
| Concentration | 100 µg/ml |

Product description

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| Host | Mouse |
| Antibody Type | Monoclonal |
| Isotype | IgG2b kappa |
| Clone | IPO-24 |
| Immunogen | Spleen cells of a patient with hairy cell leukemia |
| Formulation | PBS with 0.02% sodium azide |
| UniprotID | P11049 (Human) |
| Synonym | Leukocyte antigen CD37, Tetraspanin-26, Tspan-26, CD antigen CD37, CD37, TSPAN26 |
| Conjugate | Unconjugated |
| Purification | Affinity chromatography |
| Storage | 2-8°C |
| Intended use | Research use only |
| Application | FACS, ICC/IF, IHC |
| Reactivity | Human |

Applications

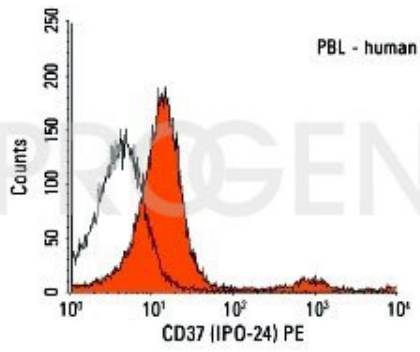
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|--|------------------------------------|
| Flow Cytometry (FACS) | 0.5-1.0 µg/million cells in 0.1 ml |
| Immunocytochemistry (ICC) | 1:100-1:200 (0.5-1.0 µg/ml) |
| Immunohistochemistry (IHC) - frozen | 1:50-1:100 (1-2 µg/ml) |

Background

IPO-24 reacts with CD37, a B lineage restricted antigen, strongly expressed throughout B-cell ontogeny from pre B-cell until plasmablasts. Plasma cells are negative. IPO-24 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 negative. IPO-24 stains B-cell follicles and the most strongly labelled elements are mantle zone lymphoid cells. Neutrophils, macrophages, thymocytes and dendritic reticulum cells are negative.

Positive control: Daudi, Raji, Namalva and CABIL cells, human tonsil or lymph node.

Product images



FACS with human peripheral blood lymphocytes (PBL)