

Product datasheet

anti-Lymphocytic Marker mouse monoclonal, IPO-74, purified

Short overview

Cat. No.	691702
Quantity	1 ml (100 µg/ml)
Concentration	100 µg/ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG1 kappa
Clone	IPO-74
Immunogen	Human cell line HL-60
Formulation	PBS with 0.02% sodium azide
UniprotID	P09326 (Human)
Synonym	CD48 antigen, B-lymphocyte activation marker BLAST-1, BCM1 surface antigen, Leukocyte antigen MEM-102, SLAM family member 2, SLAMF2, Signaling lymphocytic activation molecule 2, TCT.1, CD antigen CD48, CD48, BCM1, BLAST1
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	FACS, IHC, IP, WB
Reactivity	Human

Applications

Flow Cytometry (FACS)	0.5-1.0 µg/million cells in 0.1 ml
Immunohistochemistry (IHC) - frozen	1:50-1:100 (1-2 µg/ml)
Immunohistochemistry (IHC) - paraffin	1:50-1:100 (1-2 µg/ml; microwave treatment in 10 mM citrate buffer pH 6.0 recommended)
Immunoprecipitation (IP)	Assay dependent
Western Blot (WB)	1:50-1:100 (1-2 µg/ml)

Background

IPO-74 reacts with human leukemia cell line HL-60 and shows a band at MW 127 kDa (reduced) both in immunoprecipitation and Western blotting. In peripheral blood only subsets of B cells, T cells, neutrophilic and eosinophilic granulocytes are positive. All monocytes are positive. Cell lines U937 and K562 are positive, while Daudy, Raji, Jurkat and Molt-4 are negative, as are IL2-dependent T cell lines/clones.

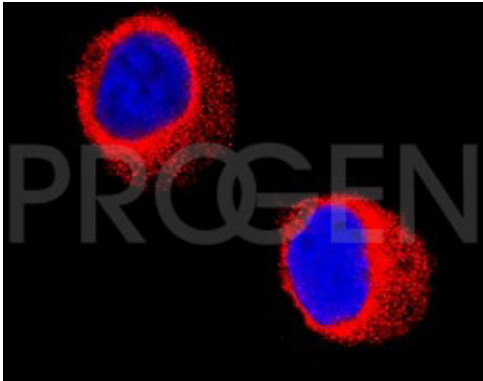
Positive control: HL-60, human PBL, tonsil.

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Product images



Promyelocytic leukemia HL-60 cells