

Product datasheet

anti-CDw78 / MHC II DR mouse monoclonal, IPO-10, purified

Short overview

Cat. No.	691700
Quantity	1 ml (100 µg/ml)
Concentration	100 µg/ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG3 kappa
Clone	IPO-10
Immunogen	Human B-cell line Daudi
Formulation	PBS with 0.02% sodium azide
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	ELISA, FACS, ICC/IF, IHC
Reactivity	Human

Applications

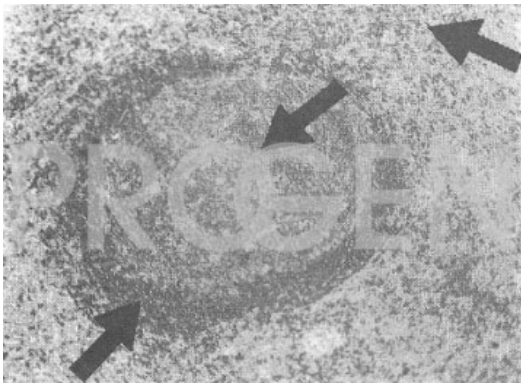
ELISA	Assay dependent
Flow Cytometry (FACS)	0.5-1.0 µg/million cells in 0.1 ml
Immunocytochemistry (ICC)	1:100-1:200 (0.5-1.0 µg/ml)
Immunohistochemistry (IHC) - frozen	1:50-1:100 (1-2 µg/ml)
Immunohistochemistry (IHC) - paraffin	1:50-1:100 (1-2 µg/ml; microwave treatment in 10 mM citrate buffer pH 6.0 recommended)

Background

CDw78 (also called Ba antigen, Leu21 or LO panB a) is present on some immature and some mature B-cells. The antigen appears on B-cell progenitors preceding CD10, CD19, CD22 and CD37. It is expressed on resting B-cells and reappears and persists in the cytoplasm and on the cell surface until cytoplasmic Ig appears. Its expression is greatly increased after B-cell activation in vitro. It is also found on tissue macrophages and on epithelial cells, but not on T-cells, NK-cells, monocytes, granulocytes, thymocytes or bone marrow stromal fibroblasts nor myeloid tissues.

Positive control: Daudi cells, Raji, Namalva, EB-3, RPMI-8226 (50% of cells), tonsil or lymph node.

Product images



Human lymph node