

Product datasheet

anti-MHC II (mouse) (I-A region) rat monoclonal, IBL-5/22, purified

Short overview

Cat. No.	691699
Quantity	1 ml (100 µg/ml)
Concentration	100 µg/ml

Product description

Host	Rat
Antibody Type	Monoclonal
Isotype	IgG kappa
Clone	IBL-5/22
Immunogen	Mouse lymph node cells
Formulation	PBS with 0.02% sodium azide
UniprotID	P05187 (Human)
Synonym	Alkaline phosphatase, placental type, EC 3.1.3.1, Alkaline phosphatase Regan isozyme, Placental alkaline phosphatase 1, PLAP-1, ALPP, PLAP
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	FACS, ICC/IF, IHC, IP, WB
Reactivity	Mouse
No reactivity	Human

Applications

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)
Immunoprecipitation (IP)	Assay dependent
Western Blot (WB)	1:50-1:100 (1-2 µg/ml)

Background

IBL-5/22 specifically detects mouse I-A MHC Class II. MHC Class II molecules bind to CD4 during interaction of CD4+ T-cells with antigen-presenting cells or with target cells.

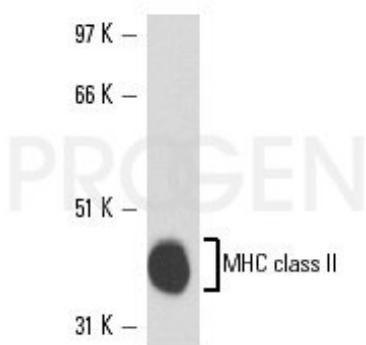
Positive Control: Mouse spleen

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Product images



Western blot with mouse peripheral blood lymphocytes (PBL) cell lysate