

## Product datasheet

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

### Short overview

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

### Product description

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

### Applications

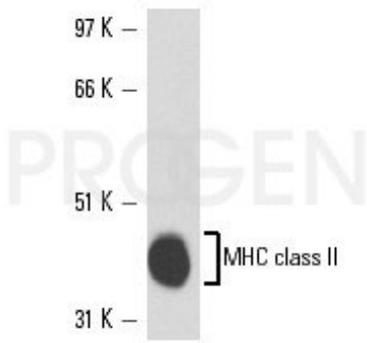
<b>Flow Cytometry (FACS)</b>	0.5-1.0 µg/million cells in 0.1 ml
<b>Immunocytochemistry (ICC)</b>	1:100-1:200 (0.5-1.0 µg/ml)
<b>Immunohistochemistry (IHC) - frozen</b>	1:50-1:100 (1-2 µg/ml)
<b>Immunohistochemistry (IHC) - paraffin</b>	1:50-1:100 (1-2 µg/ml; microwave treatment in 10 mM citrate buffer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

## Product images



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