

## Product datasheet

### anti-MHC II DQ mouse monoclonal, EBS-O-114, purified

#### Short overview

<b>Cat. No.</b>	691665
<b>Quantity</b>	1 ml (100 µg/ml)
<b>Concentration</b>	100 µg/ml

#### Product description

<b>Host</b>	Mouse
<b>Antibody Type</b>	Monoclonal
<b>Isotype</b>	IgG2a kappa
<b>Clone</b>	EBS-O-114
<b>Immunogen</b>	Cells of T4+ CTL clone HG-38
<b>Formulation</b>	PBS with 0.02% sodium azide
<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
<b>Reactivity</b>	Human, Pig

#### Applications

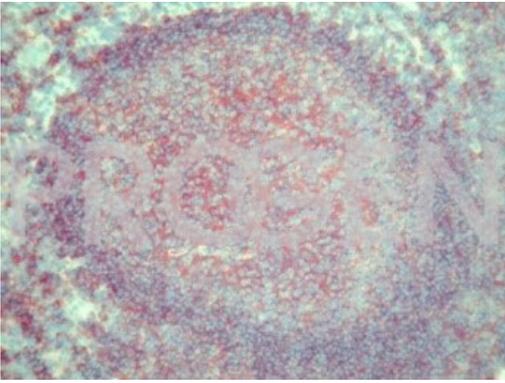
<b>Flow Cytometry (FACS)</b>	0.5-1.0 µg/million cells in 0.1 ml
<b>Immunocytochemistry (ICC)</b>	1:100-1:200 (0.5-1.0 µg/ml)
<b>Immunohistochemistry (IHC) - frozen</b>	1:100 - 1:200 (0.5-1.0 µg/ml)
<b>Immunohistochemistry (IHC) - paraffin</b>	1:100 - 1:200 (0.5-1.0 µg/ml)
<b>Immunoprecipitation (IP)</b>	Assay dependent

#### Background

EBS-O-114 reacts with HLA Class II. The antibody was shown to strongly block cytotoxic activity of T4+ cytotoxic T cell clones. Distribution studies on cell lines suggested that EBS-O-114 is directed against a DQ rather than a DR antigen.

Positive control: Raji cells, tonsil or lymph node.

#### Product images



Human tonsil