

## Product datasheet

### anti-Biotin mouse monoclonal, Hyb-8, purified

#### Short overview

<b>Cat. No.</b>	691698
<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>	IgG1 kappa
<b>Clone</b>	Hyb-8
<b>Immunogen</b>	Biotinylated sheep immunoglobulin while NHS-biotin was used as a biotinylation agent
<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>	ELISA, FACS, ICC/IF, IHC, WB
<b>Reactivity</b>	Biotin

#### Applications

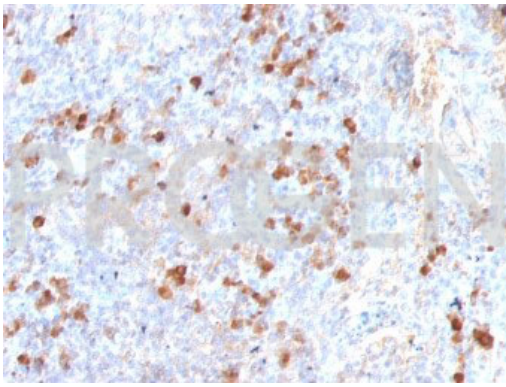
<b>ELISA</b>	Assay dependent
<b>Flow Cytometry (FACS)</b>	0.5-1.0 µg/million cells in 0.1 ml
<b>Immunocytochemistry (ICC)</b>	1:100-1:200 (0.5-1.0 µg/ml)
<b>Immunohistochemistry (IHC) - frozen</b>	1:50-1:100 (1-2 µg/ml)
<b>Immunohistochemistry (IHC) - paraffin</b>	1:50-1:100 (1-2 µg/ml)
<b>Western Blot (WB)</b>	1:100-1:200 (0.5-1 µg/ml)

#### Background

Hyb-8 recognizes free biotin and biotinylated proteins (HS biotin, NHS amidocaproylbiotin). The length of the spacer does not affect mAb binding. The antibody also react with biotinylated DNA probes.

Positive Control: Tissues enriched with biotinylated probes.

#### Product images



Human tonsil