

Product datasheet

anti-Biotin mouse monoclonal, Hyb-8, purified

Short overview

Cat. No.	691698
Quantity	1 ml (100 µg/ml)
Concentration	100 µg/ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG1 kappa
Clone	Hyb-8
Immunogen	Biotinylated sheep immunoglobulin while NHS-biotin was used as a biotinylation agent
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, WB
Reactivity	Biotin

Applications

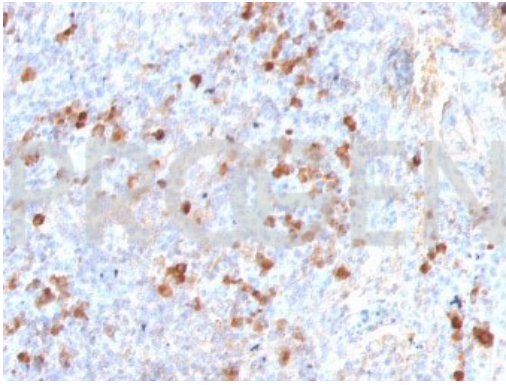
ELISA	Assay dependent
Flow Cytometry (FACS)	0.5-1.0 µg/million cells in 0.1 ml
Immunocytochemistry (ICC)	1:100-1:200 (0.5-1.0 µg/ml)
Immunohistochemistry (IHC) - frozen	1:50-1:100 (1-2 µg/ml)
Immunohistochemistry (IHC) - paraffin	1:50-1:100 (1-2 µg/ml)
Western Blot (WB)	1:100-1:200 (0.5-1 µg/ml)

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