

## Product datasheet for **AM33308PU-T**

### Biotin Mouse Monoclonal Antibody [Clone ID: Hyb-8]

#### Product data:

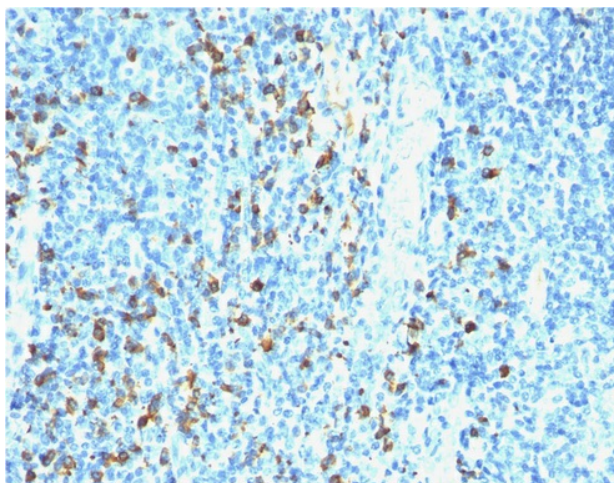
Product Type:	Primary Antibodies
Clone Name:	Hyb-8
Applications:	FC, IF, IHC, WB
Recommended Dilution:	<b>Western Blotting.</b> <b>Confocal Microscopy.</b> <b>Flow Cytometry:</b> 0.5-1 $\mu\text{g}/10^6$ cells. <b>In situ Nucleic Acid Hybridization.</b> <b>Immunofluorescence:</b> 0.5-1 $\mu\text{g}/\text{ml}$ . <b>Immunohistochemistry on Frozen and Formalin-Fixed Sections:</b> 0.5-1 $\mu\text{g}/\text{ml}$ for 30 minutes at RT. No special pretreatment is required for the immunohistochemical staining of formalin-fixed, paraffin-embedded tissues. <b>Recommended Positive Control:</b> Biotinylated proteins in solution or on tissues.
Reactivity:	All Species
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Biotinylated Sheep immunoglobulin.
Specificity:	It recognizes both the free and protein-conjugated (either soluble or cell bound) form of Biotin. This Monoclonal Antibody is highly specific to Biotin and shows no cross-reaction with other structurally related compounds. It has a very high affinity for Biotin and is excellent for use in various amplification techniques. In some applications, localization of biotinylated probes with avidin produces unacceptably high background staining. Anti-Biotin antibody may be substituted to decrease this noise. <b>Cellular Localization:</b> Depends on the target.



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Formulation:	10mM PBS State: Purified State: Liquid purified IgG fraction from Bioreactor Concentrate Stabilizer: 0.05% BSA Preservative: 0.05% Sodium Azide
Concentration:	lot specific
Purification:	Protein A/G Chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C. <b>DO NOT FREEZE!</b>
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	244 kDa
Synonyms:	Vitamin B7, Vitamin H

### Product images:



Formalin-Paraffin Tonsil stained with Biotinylated Lambda Light Chain probe followed by anti-Biotin Antibody Cat.-No AM33308PU (Clone Hyb-8). Note cell membrane & cytoplasmic staining.