

Product datasheet for **AM33281PU-T**

Biotin Mouse Monoclonal Antibody [Clone ID: SPM375]

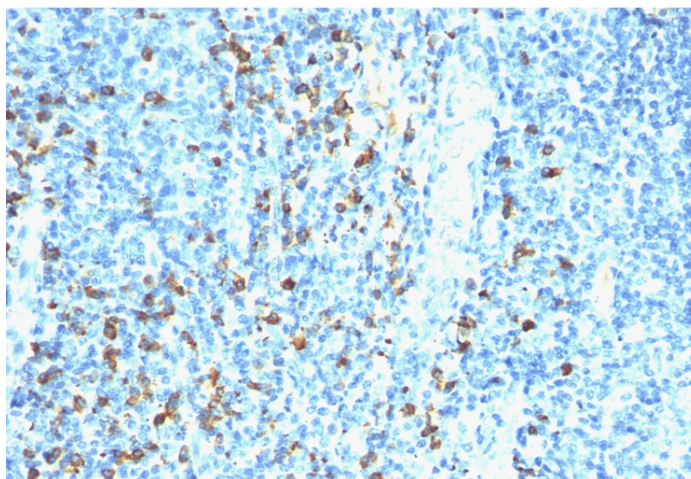
Product data:

Product Type:	Primary Antibodies
Clone Name:	SPM375
Applications:	ELISA, FC, IF, IHC, WB
Recommended Dilution:	ELISA. Western Blotting. Confocal Microscopy. Flow Cytometry: 0.5-1 µg/10 ⁶ cells. In situ Nucleic Acid Hybridization. Immunofluorescence: 0.5-1 µg/ml. Immunohistochemistry on Frozen and Formalin-Fixed Sections: 0.5-1 µg/ml for 30 minutes at RT. No special pretreatment is required for the immunohistochemical staining of formalin-fixed, paraffin-embedded tissues. Recommended Positive Control: 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. Cellular Localization: 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. DO NOT FREEZE!
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 Biotin Antibody AM33281PU (Clone SPM375). Note cell membrane & cytoplasmic staining.