

Biotin (Vitamin B7 or Vitamin H) Antibody - With BSA and Azide

Mouse Monoclonal Antibody [Clone SPM375]
Catalog # AH10931

Product Information

Application	WB, IF, FC, IHC-P
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse / IgG1
Clone Names	SPM375
Calculated MW	244 KDa

Additional Information

Application Note	WB~~1:1000 IF~~1:50~200 FC~~1:10~50 IHC-P~~N/A
Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage	Store at 2 to 8°C. Antibody is stable for 24 months.
Precautions	Biotin (Vitamin B7 or Vitamin H) Antibody - With BSA and Azide is for research use only and not for use in diagnostic or therapeutic procedures.

Background

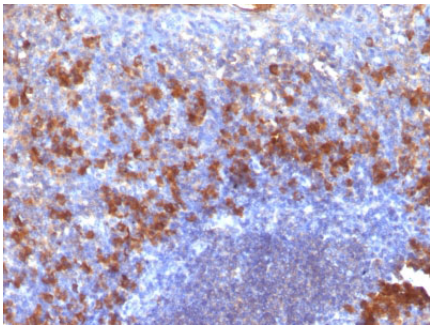
It recognizes both the free and protein-conjugated (either soluble or cell bound) form of biotin. This MAb is highly specific to biotin and shows no cross-reaction with other structurally related compounds. It has a very high affinity for biotin and is excellent for use in various amplification techniques. In some applications, localization of biotinylated probes with avidin produces unacceptably high background staining. Anti-biotin antibody may be substituted to decrease this noise.

References

Uccellini MB, et al. 2008. J. Immunol. 181:5875. | Green NM, et al. 2012. J Biol Chem. 287:3978

Images

Formalin-fixed, paraffin-embedded human Tonsil stained with biotinylated Lambda Light Chain probe followed by anti-biotin Monoclonal Antibody (SPM375).



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.