

Product Datasheet

Biotin (Vitamin B7 or Vitamin H) Antibody (Hyb-8) NBP2-32811-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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NBP2-32811-0.1mg

Biotin (Vitamin B7 or Vitamin H) Antibody (Hyb-8)

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	Hyb-8
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	244 kDa

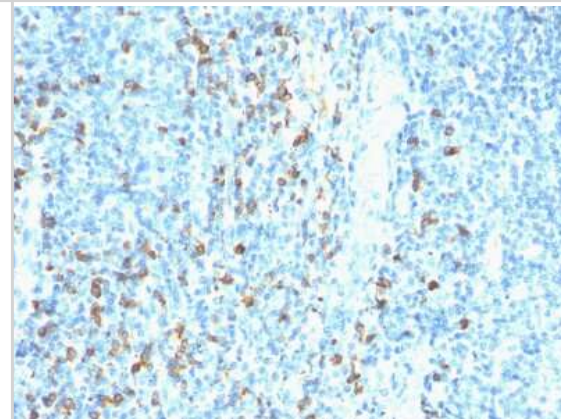
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-34646) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.
Host	Mouse
Species	Non-species specific
Specificity/Sensitivity	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.
Immunogen	Biotinylated sheep immunoglobulin

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, In-situ Hybridization
Recommended Dilutions	Western Blot 0.5-2 ug/ml, Flow Cytometry 0.5-1 ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 0.5-1 ug/ml, Immunohistochemistry-Paraffin 0.5-1 ug/ml, In-situ Hybridization
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. No special pretreatment is required for the immunohistochemical staining of formalin-fixed, paraffin-embedded tissues. Optimal dilution for a specific application should be determined.



Images

Immunohistochemistry-Paraffin: Biotin (Vitamin B7 or Vitamin H) Antibody (Hyb-8) [NBP2-32811] - Formalin-fixed, paraffin-embedded human tonsil stained with biotinylated Lambda Light Chain probe followed by anti-biotin MAb (Hyb-8). Note cell membrane & cytoplasmic staining.



Publications

Kumar S, Park H, Cho H et al. Overcoming evanescent field decay using 3D-tapered nanocavities for on-chip targeted molecular analysis Nat Commun 2020-06-10 [PMID: 32523000] (ICC/IF, Bovine)

Details:

Citation using the DyLight 755 format of this antibody.



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Products Related to NBP2-32811-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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