

Product Datasheet

Biotin (Vitamin B7 or Vitamin H) Antibody (Hyb-8) [DyLight 755]

NBP2-34646IR

Unit Size: 0.1 ml

Store at 4C in the dark.

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Biotin (Vitamin B7 or Vitamin H) Antibody (Hyb-8) [DyLight 755]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	Hyb-8
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	DyLight 755
Purity	Protein A or G purified
Buffer	50mM Sodium Borate

Product Description	
Description	This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.
Host	Mouse
Species	Non-species specific
Reactivity Notes	Use in Bovine reported in secitific publication PMID: 32523000
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
Notes	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, In-situ Hybridization
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, In-situ Hybridization

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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NBP1-43319IR-0.5ml	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [DyLight 755]
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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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