

Research Use Only. Not for use in diagnostic procedures.

Anti-Digoxigenin (Mouse) Biotin Conjugate

Product Number: NEF833001EA

Lot:154928

<u>Description:</u>	Biotin-SP-conjugated IgG Fraction Monoclonal Mouse Anti-Digoxigenin (also recognizes Digoxin)
<u>Size:</u>	0.5ml
<u>Lot Number:</u>	148132
<u>Physical State:</u>	Freeze-dried powder
<u>IgG Concentration:</u>	1.0 mg/ml
<u>Suggested Dilution Range:</u>	1:20,000 - 1:400,000 for ELISA and western blotting using enzyme-conjugated streptavidin 1:500 - 1:5,000 for enzyme immunohistochemistry or immunocytochemistry 1:200 - 1:1,000 for flow cytometry and immunofluorescence
<u>Biotin-SP:</u>	d-Biotinyl- ϵ -aminocaproic acid-NHS ester
<u>Clone Number:</u>	HY-A.1
<u>Isotype:</u>	IgG1 κ
<u>Buffer:</u>	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6
<u>Stabilizer:</u>	15 mg/ml Bovine Serum Albumin (IgG-Free, Protease-Free)
<u>Preservative:</u>	0.05% Sodium Azide
<u>Reconstitution and Storage:</u>	Store freeze-dried powder at 2-8°C. When ready to use, rehydrate with 0.5ml d. water and centrifuge if not clear. Product is stable for about 6 weeks at 2-8°C as an undiluted liquid. Prepare working dilution fresh each day. For extended storage after rehydration, add an equal volume of glycerol (ACS grade or better) for a final concentration of 50% and store at -20°C as a liquid. Note: after the addition of glycerol, the concentration of protein and buffer salts is one-half of the original. Alternatively, aliquot and freeze the product at -70°C or below in the absence of glycerol. Avoid repeated freezing and thawing. With proper storage, the product will be viable for one year from date of rehydration.
<u>Purity:</u>	The IgG fraction was purified from mouse ascites by chromatographic procedures not involving affinity purification.
<u>Country of Origin:</u>	USA
<u>Note:</u>	For <i>in vitro</i> research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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