

**TECHNICAL
DATA
SHEET**

Labeled Antibodies

Research Use Only. Not for use in diagnostic procedures.

Anti-Digoxigenin (Mouse) HRP Conjugate

Product Number: NEF832001EA

LOT: 139403

<u>Product:</u>	Peroxidase-conjugated IgG Fraction Monoclonal Mouse Anti-Digoxigenin (also recognizes Digoxin)
<u>Size:</u>	0.5ml
<u>Physical State:</u>	Freeze-dried powder
<u>IgG Concentration:</u>	0.8 mg/ml
<u>Suggested Dilution Range:</u>	1:10,000 - 1:200,000 for Western blotting with ECL substrates 1:5,000 - 1:100,000 for ELISA and Western blotting with chromogenic substrates 1:500 - 1:5,000 for immunohistochemistry or immunocytochemistry
<u>Peroxidase:</u>	Purified from horseradish root
<u>Clone Number:</u>	HY-A.1
<u>Isotope:</u>	IgG1κ
<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>	None (Warning: Use of sodium azide as a preservative will substantially inhibit the enzyme activity of horseradish peroxidase.)
<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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