

★ Storage

Store at 2-8°C until rehydrated.
Stable for a minimum of 1 year when stored properly.

Contents

- Product Manual
- Goat anti-Rat IgG (H+L)-HRP, 1 mg/ml

ALL PRODUCTS SOLD BY GenDEPOT ARE INTENDED FOR RESEARCH USE ONLY UNLESS OTHERWISE INDICATED. THIS PRODUCT IS NOT INTENDED FOR DIAGNOSTIC OR DRUG PURPOSE

★ Shipping Condition

Ship with ice pack.

★ Description

Affinity purified antibody isolated from a pool of serum from goats immunized with purified rat IgG was labeled with peroxidase by the periodate method of Nakane and Kawaoi (1).

★ Stabilizer and Preservative

Bovine serum albumin (BSA) is added as a protein stabilizer.
A proprietary anti-bacterial agent is added to preserve the product.
DO NOT USE SODIUM AZIDE. Non-sterile.

★ Concentration

1 mg/ml (by UV adsorbance at 280nm)

★ Size

500ul

★ Form

Liquid

★ Specificity

Tested by gel diffusion and ELISA techniques as applicable. This product reacts specifically with rat IgG and may recognize other immunoglobulin types that have light chains in common with IgG. Reactivity to IgG sub-classes has not been tested. Antibodies to rat IgG may cross-react with immunoglobulins of other mammalian species if common binding sites are shared. Cross-reactivity with mouse serum has been minimized with affinity procedures.

★ Suggested Working Dilutions

Optimal working concentrations should be determined experimentally. Prepare working dilution in TBS or other buffer such as BSA or Milk Diluent/Blocking Solution. (See RELATED PRODUCTS). These buffers not recommended for long term storage. Suggested starting dilutions are as follows. In many cases, the antibody may be diluted further than indicated.

Recommended Dilutions:

Application	Starting Dilution	Dilution Range
ELISA	1:1,000 - 1:5,000	1.0ug/ml - 0.2 ug/ml
Western Blot	1:5,000 - 1: 20,000	0.2ug/ml - 0.05 ug/ml
Histo/Cytochemical Procedures	1:200 - 1:500	5.0ug/ml - 2.0ug/ml

★ Product Safety and Handling

This product is considered non-hazardous as defined by The Hazard Communication Standard (29 CFR 1910.1200). Avoid contact with skin and eyes. In case of contact or spillage, clean with copious amounts of water. Disposal via sanitary sewer.

★ References

1. Nakane, P K., and Kawaoi, A. (1974). J Histochem. Cytochem. 22:1084.

★ Related Products

Product Name	Cat No
Albumin, (IgG, Fattu Acid and Protease Free)	A0100
AffiSelect Cox IV Loading Control Antibody	A0017
AffiSelect GAPDH Loading Control Antibody	A0039
AffiSelect Beta-Actin Loading Control Antibody	A0042
AffiSelect a-Tubulin Loading Control Antibody	A0050
NP-40 Lysis Buffer (2X)	N1200
Affiselect Total Protein Extraction Solution	A0710
RIPA Cell Lysis Buffer (1X) with EDTA	R4100
Xert Protease Inhibitor Cocktail Solution (100X)	P3100
Xpert Prestained Protein Marker (6.5-240 kDa)	P8502
Xpert 2 Prestained Protein Marker (10-240 kDa)	P8503
TBS Buffer, 20X, pH 7.4	T8054
Goat anti-Rabbit IgG(H+L)-HRP, 1mg/ml	SA002
Rabbit anti-Goat IgG(H+L)-HRP, 1mg/ml	SA007
West-Q Pico Dura ECL Solution	W3653
West-Q Femto ECL Solution	W3700