

HORSERADISH PEROXIDASE (HRP) CONJUGATED AFFINITY PURIFIED SECONDARY ANTIBODY

- DESCRIPTION:** Whole molecule, absorbed for dual labeling or F(ab')₂ fragment affinity purified antibody, HRP conjugated.
- QUANTITY:** Stated on vial label.
- PURIFICATION:** The antibody is isolated from antisera by immunoaffinity chromatography using antigen coupled to agarose beads. [Species Adsorbed: Hu, Rt, Bov, Eq](#)
- APPLICATIONS:** EIA and Western blots: 1:5,000-1:100,000.
Immunohistochemistry: 1:500-1:5,000.
Optimal working dilutions must be determined by end user.
- FORMAT:** Lyophilized. Buffer = 0.01 M Sodium Phosphate, 0.25 M NaCl, pH 7.6 with 15 mg/mL BSA and 0.01% thimerosal.
- RECONSTITUTION:** Reconstitute with sterile distilled water to match the volume indicated on the vial label. Centrifuge product if it is not completely clear after standing for 1-2 hours at room temperature.
- STORAGE:** Maintain lyophilized product at 2-8°C for up to 12 months. After reconstitution the product is stable for several weeks at 2-8°C as an undiluted liquid. After dilution do not use for more than one day. For extended storage after reconstitution, add an equal volume of glycerol to make a final concentration of 50% glycerol followed by storage at -20°C in undiluted aliquots for up to 12 months. Please note the concentration of protein (and buffer salts) will decrease to one-half of the original after the addition of glycerol. Avoid repeated freeze/thaw cycles.
- WARNING:** Use of sodium azide as a preservative will substantially inhibit the enzyme activity of HRP.
For research use only; not for use as a diagnostic.

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Goat anti-Mouse IgG Antibody, HRP conjugate , Species Adsorbed | AP181P

Species Reactivity **Key Applications** **Host Format** **Antibody Type**
 M ELISA, WB Goat HRP Polyclonal Antibody

Description:

Goat anti-Mouse IgG Antibody, HRP conjugate , Species Adsorbed | AP181P

Promotional Text:

Special Offer on Antibodies! [Click Here!](#)

Trade Name:

Chemicon (Millipore)

Background Information:

Immunoglobulin G (IgG), is one of the most abundant proteins in human serum with normal levels between 8-17 mg/mL in adult blood. IgG is important for our defence against microorganisms and the molecules are produced by B lymphocytes as a part of our adaptive immune response. The IgG molecule has two separate functions; to bind to the pathogen that elicited the response and to recruit other cells and molecules to destroy the antigen. The variability of the IgG pool is generated by somatic recombination and the number of specificities in an individual at a given time point is estimated to be 10¹¹ variants.

Species Reactivity:

Mouse

Application Notes:

EIA and Western blots: 1:5,000-1:100,000.

Immunohistochemistry: 1:500-1:5,000.

Optimal working dilutions must be determined by end user.

Presentation:

Lyophilized. Buffer = 0.01 M Sodium Phosphate, 0.25M NaCl, pH 7.6 with 15 mg/mL BSA and 0.01% thimerosal.

RECONSTITUTION:

Reconstitute with 500 µL of sterile distilled water.

Storage Conditions:

Maintain lyophilized product at 2-8°C for up to 12 months. After reconstitution the product is stable for several weeks at 2-8°C as an undiluted liquid. For extended storage after reconstitution, add an equal volume of glycerol

to make a final concentration of 50% glycerol followed by storage at -20°C in undiluted aliquots for up to 12 months. Please note the concentration of protein (and buffer salts) will decrease to one-half of the original after the addition of glycerol. Avoid repeated freeze/thaw cycles.

WARNING:

Use of sodium azide as a preservative will substantially inhibit the enzyme activity of HRP.

Usage Statement:

Unless otherwise stated in our catalog or other company documentation accompanying the product(s), our products are intended for research use only and are not to be used for any other purpose, which includes but is not limited to, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses or any type of consumption or application to humans or animals.

Key Applications:

- ELISA
- Western Blotting

Qty/Pk:
500 µL
Brand Family:
Chemicon
Format:
HRP
Host:
Goat
Product Name:
Goat anti-Mouse IgG Antibody, HRP conjugate , Species Adsorbed | AP181P
Concentration:
0.8 mg/ml
Antibody Type:
Polyclonal Antibody

Product Resources

- [Data Sheets](#)
- [References](#)

Find Primary Antibodies

Find Primary Antibodies

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