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G-Biosciences ♦ 1-800-628-7730 ♦ 1-314-991-6034 ♦ [technical@GBiosciences.com](mailto:technical@GBiosciences.com)

A Geno Technology, Inc. (USA) brand name

# HRP Conjugated Affinity Purified Antibody

## Secondary Antibody

(Cat. # 786-R38 to 786-R42, 786-R48)



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## DESCRIPTION

Affinity purified antibody-Horseradish peroxidase conjugate (as labeled).

## ITEM(S) SUPPLIED

Cat. #	Description	Concentration	Final Volume
786-R38	HRP labeled goat $\alpha$ -mouse IgG	1mg/ml	2ml
786-R39	HRP labeled goat $\alpha$ -rabbit IgG	1mg/ml	2ml
786-R40	HRP labeled goat $\alpha$ -rat IgG	0.8mg/ml	2ml
786-R41	HRP labeled goat $\alpha$ -human IgG	0.8mg/ml	2ml
786-R42	HRP labeled rabbit $\alpha$ -goat IgG	1mg/ml	1.5ml
786-R48	HRP labeled rabbit $\alpha$ -human IgG	0.8mg/ml	1.5ml

## STORAGE

Ships Ambient. The conjugate should be stored at 4°C and is stable for up to 1 year. 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 (ACS grade or better) followed by storage at -20°C.

**NOTE:** *The concentration of antibody (and buffers) will decrease to one-half of the original after the addition of glycerol. Avoid repeated freeze/thaw cycles*

## PURIFICATION:

The antibody is isolated from antisera by immunoaffinity chromatography using antigen coupled to sepharose beads.

## FORMAT

Lyophilized in a buffer containing 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.1 with 15mg/ml BSA and 0.01% Thimerosal.

## RECONSTITUTION

Reconstitute with sterile distilled water to match the Final Volume indicated in the table above.

## APPLICATIONS/RECOMMENDED WORKING DILUTIONS:

- EIA and Western blots: 1:5,000-1:100,000.
- Immunohistochemistry: 1:500-1:5,000.

**NOTE:** *Optimal working dilution of HRP-conjugate for the specific application must be determined by the end user to obtain the best conditions. Working diluted solution*

should be prepared immediately before use and unused diluted solution should be discarded.

## WARNING

**NOTE:** Use of sodium azide, an inhibitor of peroxidase will substantially inhibit the enzyme activity of HRP.

## RELATED PRODUCTS

Download our Western Blotting and Assay Development Handbooks.



<http://info.gbiosciences.com/complete-western-blot-handbook--selection-guide>

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