6003 Chapel Hill Road · Suite # 153 · Raleigh, NC 27607

Certificate of Analysis

Product: Goat anti-Rabbit IgG (H&L), HRP Conjugate

Part Number: GtxRb-003-EHRPX Lot Number: 75-59-013120

1.0 mg of lyophilized antibody (E $^{1\%}$ at 280 nm = 13.0) Amount:

(Product has been overfilled to ensure maximum recovery)

Label: Horseradish Peroxidase (HRP)

Form: Lyophilized

Affinity purified using solid phase Rabbit IgG Purification:

Affinity purified antibody is > 95 % based on SDS-PAGE Purity:

Host: Goat

Immunogen: Purified Rabbit IgG, whole molecule

10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 1 % (w/v) BSA, Buffer:

Protease/IgG free

Preservative: 0.1 % (v/v) ProClin 150 – Use of Sodium Azide will inhibit enzyme activity of

horseradish peroxidase

Reconstitution: Rehydrate with 1.1 ml of deionized water. Allow reconstituted product to stand at

room temperature for at least 30 minutes prior to dilution. If necessary, centrifuge to

remove any particulates. Prepare fresh working dilution daily.

Store lyophilized material at 2-8 °C. For storage at -20 °C after reconstitution, dilute Storage:

with an equal volume of glycerol to prevent loss of enzymatic activity. Prepare

working dilution prior to use and then discard.

Shelf Life: 1 year from date of receipt

Specificity: Based on IEP, this antibody reacts with:

heavy (γ) chains on Rabbit IgG

light chains on all Rabbit immunoglobulins

Cross Reactivity: Based on IEP, no reactivity is observed to:

non-immunoglobulin Rabbit serum proteins

serum proteins from Bovine, Human, or Mouse

IgG from Human or Mouse

Goat antiserum was obtained from healthy animals of US origin and under the care of Country of Origin:

a registered veterinarian.

This conjugate was prepared using Part # GtxRb-003-E, Lot # 62-158-111318. Note:

This conjugate is suitable for use in: ELISA, WB, IHC, CL. The optimal working Applications: dilution should be determined by the investigator. Suggested starting dilution(s):

1:500-1:5,000 for Immunohistochemistry

1:200-1:5,000 for ELISA/Western blot

Disclaimer: For in vitro Laboratory Use Only. Not for diagnostic or therapeutic use. Not for

> human or animal consumption. The proper selection and use of our products is the sole responsibility of the end user, and therefore we can offer no guarantee to a specific experimental outcome. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license under

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of ImmunoReagents, Inc.

Phone: 919-831-2240 www.ImmunoReagents.com Fax: 919-831-2240 6003 Chapel Hill Road · Suite # 153 · Raleigh, NC 27607

Testing Results

PRODUCT: Goat anti-Rabbit IgG (H&L), HRP Conjugate

PART NUMBER: GtxRb-003-EHRPX

LOT NUMBER: 75-59-013120

<u>TESTS</u> <u>SPECIFICATIONS</u> <u>RESULTS</u>

Appearance: Reddish powder PASS

Purity: Two predominant bands at 50 and 24 kDa based on SDS-PAGE PASS

Specificity: Based on IEP, this antibody has precipitin bands with:

heavy (γ) chains on Rabbit IgG
light chains on all Rabbit immunoglobulins
PASS

Cross Reactivity: Based on IEP, this antibody does not have precipitin bands to:

non-immunoglobulin Rabbit serum proteins
serum proteins from Bovine, Human, or Mouse
IgG from Human or Mouse
PASS
PASS

ELISA: Dilution giving A^{450} reading of ≥ 1.0 when tested 1: 185,000

against Rabbit IgG (H&L) coated at 2 µg/ml

SDS-PAGE

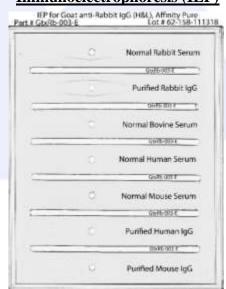
1 2

55kDa

31kDa

21kDa

Immunoelectrophoresis (IEP)



- 1) GtxRb-003-E, Lot # 62-158-111318
- 2) Mol Weight Standard

Date: February 7, 2020

Signature:

Quality Control

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