



# **Human IgE Antibody Affinity Purified HRP conjugated**

**Cat. # A80-108P**

**Produced in Goat**

**Storage:** 2 - 8 C

**Amount:** 1 ml at 1 mg/ml

**Buffer:** Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.1% Pro-Clean 400

**Shelf Life:** 1 year from date of receipt

**Production Procedures:** Antiserum was solid phase adsorbed to ensure class specificity. The antibody was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to horseradish peroxidase (HRP).

Antibody concentration was determined by extinction coefficient prior to conjugation: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG. Molar enzyme/antibody protein ratio is 4:1.

By immunoelectrophoresis and ELISA this antibody reacts specifically with human IgE. Cross reactivity with other human immunoglobulins and light chains is less than 0.1%. This antibody has been shown to detect Rhesus Monkey IgE.

**Country of Origin:** USA

**Notes:** Centrifuge tube to remove product from lid.

For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

This product may not be resold or modified for resale without the prior written approval of Bethyl Laboratories, Inc.

Applications: Not all listed applications have been specifically tested. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilutions immediately before use.  
Suggested starting dilutions are:

ELISA: 1:10,000 - 1:100,000

Western Blots

Colorimetric: 1:1,000 – 1:10,000

Chemiluminescent: 1:1,000 - 1:30,000

Immunohistochemistry: 1:200 – 1:500

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In some cases, the antibody may be diluted further than indicated.

Related Products: Goat anti-Human IgE Antibody Affinity Purified A80-108A  
Goat anti-Human IgE Antibody Alkaline Phosphatase Conjugated  
A80-108AP  
Goat anti-Human IgE Antibody FITC Conjugated A80-108F  
Human IgE ELISA Quantitation Set E80-108

Product References: Bora et al., J Immunol Methods 293 (1-2):43-50, 2004.  
Schelegle et al., Toxicology and Applied Pharmacology 191 (1):74-85,  
2003.  
Schelegle et al. Am J Pathol 158 333-341, 2001.