

TECHNICAL DATA SHEET

# Goat anti-Human IgG Fc, F(ab')<sub>2</sub> Fragment - Affinity Pure, HRP Conjugate. Cross-Adsorbed

Catalog Number: 72-8105

## PRODUCT INFORMATION

**Contents:** Goat anti-Human IgG Fc, F(ab')<sub>2</sub> Fragment - Affinity Pure, HRP Conjugate, min x w/bovine, horse, mouse or rabbit serum proteins

**Reactivity:** Human

**Specificity:** Goat anti-Human IgG Fc, F(ab')<sub>2</sub> Fragment

**Host:** Goat

**Cross Adsorption:** min x w/bovine, horse, mouse or rabbit serum proteins

**Cross Reactivity:** Based on IEP, no reactivity is observed to: · non-immunoglobulin human serum immunoglobulins · light chains on all human immunoglobulins · human IgG F(ab)<sub>2</sub>™ fragment · serum proteins from bovine, horse, mouse, or rabbit

**Concentration:** Lyophilized

**Formulation:** Lyophilized, 10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 1 % (w/v) BSA, Protease/IgG free and 0.1% (v/v) Kathon CG

**Reconstitution:** Rehydrate with 0.55 ml of deionized water and let stand 30 minutes at room temperature to dissolve. Centrifuge to remove any particulates. Prepare fresh working dilution daily.

**Storage Conditions:** Store freeze-dried powder at 2-8 °C. Once rehydrated and in solution store at 2-8 °C.

**Use By:** 1 year from date of receipt. Store lyophilized material at 2-8 °C. For long term storage after reconstitution, dilute with 50% glycerol and store at -20 °C as a liquid.

**Purity:** > 90% based on SDS-PAGE small amounts of intact IgG may be present

**Purification:** Affinity purified using solid phase Human IgG

**Country of Origin:** Goat serum was obtained from healthy animals of US origin and under the care of a registered veterinarian.

## PREPARATION & STORAGE

This product was Affinity purified using solid phase Human IgG. Store freeze-dried powder at 2-8 °C. Once rehydrated and in solution store at 2-8 °C.

## APPLICATION NOTES

This conjugate is suitable for Western Blot, ELISA and immunohistochemistry. The optimal working dilution should be determined by the investigator. Suggested starting dilution(κ): · 1:20 - 1:2,000 for most applications Based on IEP, this antibody reacts with: · heavy (γ) chains on human IgG.

Tonbo Biosciences tests all antibodies by flow cytometry. Citations are provided as a resource for additional applications that have not been validated by Tonbo Biosciences. Please choose the appropriate format for each application and consult Materials and Methods sections for additional details about the use of any product in these publications.

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