

**Datasheet for 805-7302****Fab Goat IgG (H&L) Antibody Peroxidase Conjugated****Overview**

<b>Description:</b>	Donkey Fab Anti-Goat IgG (H&L) Antibody Peroxidase Conjugated - 805-7302
<b>Item No.:</b>	805-7302
<b>Size:</b>	1 mg
<b>Applications:</b>	ELISA
<b>Reactivity:</b>	Goat
<b>Host Species:</b>	Donkey

**Product Details**

<b>Background:</b>	Fab Anti-Goat IgG Peroxidase Antibody generated in donkey detects goat IgG. This product possesses the F(ab) region possessing the epitope-recognition site, both heavy and light chains of the antibody molecule are present. Secondary Antibodies are available in a variety of formats and conjugate types. When choosing a secondary antibody product, consideration must be given to species and immunoglobulin specificity, conjugate type, fragment and chain specificity, level of cross-reactivity, and host-species source and fragment composition.
<b>Synonyms:</b>	Donkey Fab Anti-Goat Antibody Peroxidase Conjugation, Donkey Fab Anti-Goat HRP Conjugated Antibody
<b>Host Species:</b>	Donkey
<b>Specificity:</b>	IgG (H&L)
<b>Conjugate:</b>	Peroxidase (HRP)
<b>Clonality:</b>	Polyclonal
<b>Format:</b>	IgG Fab

**Target Details**

<b>Reactivity:</b>	Goat
<b>Immunogen Type:</b>	Native Protein
<b>Immunogen:</b>	Anti-Goat IgG (H&L) was produced by repeated immunization with goat whole molecule in donkey.

**Purity/Specificity:** Fab Goat IgG (H&L) Antibody Peroxidase Conjugated was prepared from monospecific antiserum by immunoaffinity chromatography using Goat IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, papain digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase and anti-Donkey Serum. No reaction was observed against anti-Papain or anti-Donkey IgG F(c).

## Application Details

<b>Tested Applications:</b>	ELISA
<b>Application Note:</b>	Anti-Goat IgG (H&L) peroxidase conjugated Antibody has been tested by ELISA and is suitable for immunoblotting (western or dot blot), ELISA, immunoperoxidase electron microscopy and immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring extremely low background levels, lot-to-lot consistency, high titer and specificity.
<b>Assay Dilutions:</b>	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
<b>ELISA:</b>	1:200,000
<b>IHC:</b>	1:500 - 1:2,500
<b>WB:</b>	1:2,000 - 1:10,000

## Formulation

<b>Physical State:</b>	Lyophilized
<b>Concentration:</b>	1.0 mg/mL by UV absorbance at 280 nm
<b>Buffer:</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Preservative:</b>	0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!
<b>Stabilizer:</b>	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
<b>Reconstitution Volume:</b>	1.0 mL
<b>Reconstitution Buffer:</b>	Restore with deionized water (or equivalent)

## Shipping & Handling

**Shipping Condition:** Ambient

<b>Storage Condition:</b>	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
<b>Expiration:</b>	Expiration date is one (1) year from date of receipt.

## Disclaimer

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