

Datasheet for 714-405-002

## F(ab')<sub>2</sub> Swine IgG (H&L) Antibody Alkaline Phosphatase Conjugated

### Overview

<b>Description:</b>	Rabbit F(ab') <sub>2</sub> Anti-Swine IgG (H&L) Antibody Alkaline Phosphatase Conjugated - 714-405-002
<b>Item No.:</b>	714-405-002
<b>Size:</b>	500 µg
<b>Reactivity:</b>	Pig
<b>Host Species:</b>	Rabbit

### Product Details

<b>Background:</b>	Suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring lot-to-lot consistency.
<b>Synonyms:</b>	Rabbit F(ab') <sub>2</sub> Anti-Swine IgG Antibody Alkaline Phosphatase Conjugation, Rabbit F(ab') <sub>2</sub> Anti-Swine IgG alk phos Conjugated Antibody
<b>Host Species:</b>	Rabbit
<b>Specificity:</b>	IgG (H&L)
<b>Conjugate:</b>	Alkaline Phosphatase (AP)
<b>Clonality:</b>	Polyclonal
<b>Format:</b>	IgG F(ab') <sub>2</sub>

### Target Details

<b>Reactivity:</b>	Pig
<b>Immunogen:</b>	Swine IgG whole molecule
<b>Purity/Specificity:</b>	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Swine IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, pepsin digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum, anti-Alkaline Phosphatase, Swine IgG and Swine Serum. No reaction was observed against anti-Pepsin and anti-Rabbit IgG F(c).

## Application Details

<b>Application Note:</b>	This product has been assayed against 1.0 µg of Swine IgG in a standard capture ELISA using pNPP p-nitrophenyl phosphate code # NPP-10 as a substrate for 30 minutes at room temperature. A working dilution of 1:4,000 to 1:20,000 of the reconstitution concentration is suggested for this product.
<b>Assay Dilutions:</b>	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
<b>ELISA:</b>	1:8,000
<b>IHC:</b>	1:200 - 1:1,000
<b>WB:</b>	1:500 - 1:2,500

## Formulation

<b>Physical State:</b>	Liquid
<b>Concentration:</b>	0.5 mg/mL by UV absorbance at 280 nm
<b>Buffer:</b>	0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v) Glycerol; pH 8.0
<b>Preservative:</b>	0.01% (w/v) Sodium Azide
<b>Stabilizer:</b>	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

## Shipping & Handling

<b>Shipping Condition:</b>	Wet Ice
<b>Storage Condition:</b>	Store vial at 4° C before opening. DO NOT FREEZE. This product is stable at 4° C as an undiluted liquid. Dilute only prior to immediate use. Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity.
<b>Expiration:</b>	Expiration date is one (1) year from date of receipt.

## Disclaimer

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