

Datasheet for 700-105-096

F(Ab')₂ Fluorescein Antibody Alkaline Phosphatase Conjugated

Overview

Description:	F(ab') ₂ Anti-Fluorescein (GOAT) Antibody Alkaline Phosphatase Conjugated - 700-105-096
Item No.:	700-105-096
Size:	1 mg
Applications:	ELISA
Reactivity:	Fluorescein
Host Species:	Goat

Product Details

Background:	Suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring lot-to-lot consistency.
Synonyms:	goat F(ab') ₂ anti-Fluorescein Antibody alkaline phosphatase Conjugation, goat F(ab') ₂ anti-Fluorescein alk phos Conjugated Antibody, goat F(ab') ₂ anti-FITC Antibody alkaline phosphatase Conjugation
Host Species:	Goat
Conjugate:	Alkaline Phosphatase (AP)
Clonality:	Polyclonal
Format:	IgG F(ab') ₂

Target Details

Reactivity:	Fluorescein
Immunogen Type:	Other
Immunogen:	Fluorescein conjugated to Goat IgG

Purity/Specificity: This product was prepared from monospecific antiserum by immunoaffinity chromatography using Fluorescein 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-Alkaline Phosphatase, anti-Goat Serum and Fluorescein conjugated Bovine Serum Albumin. No reaction was observed against anti-Pepsin or anti-Goat IgG F(c).

Relevant Links: • [700-105-096 SDS](#)

Application Details

Tested Applications: ELISA

Application Note: F(ab')₂ Anti-Fluorescein Antibody Conjugated to Alkaline Phosphatase has been tested by ELISA and is suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring lot-to-lot consistency.

Assay Dilutions: All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

ELISA: 1:38,000

IHC: 1:200 - 1:1,000

WB: 1:500 - 1:2,500

Formulation

Physical State: Liquid (sterile filtered)

Concentration: 1.0 mg/mL by UV absorbance at 280 nm

Buffer: 0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v) Glycerol; pH 8.0

Preservative: 0.1% (w/v) Sodium Azide

Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

Shipping & Handling

Shipping Condition: Wet Ice

Storage Condition: 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.

Expiration: Expiration date is one (1) year from date of receipt.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.