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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.

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