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Datasheet for 100-1196

Fluorescein Antibody

Overview

Description:	Anti-Fluorescein (GOAT) Antibody - 100-1196
Item No.:	100-1196
Size:	2 mL
Applications:	Microarray
Reactivity:	Fluorescein
Host Species:	Goat

Product Details

Background:	Anti-Fluorescein is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.
Synonyms:	goat anti-Fluorescein Antibody, goat anti-FITC antibody
Host Species:	Goat
Clonality:	Polyclonal
Format:	Antiserum

Target Details

Reactivity:	Fluorescein
Immunogen Type:	Native Protein
Immunogen:	Fluorescein conjugated Bovine Serum Albumin (BSA)
Purity/Specificity:	Fluorescein Antibody was prepared from monospecific antiserum by a delipidation and defibrination. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-goat serum, Fluorescein conjugated goat IgG and Fluorescein conjugated KLH.

Application Details

Suggested Applications:	Microarray (Based on references)
Application Note:	Anti-Fluorescein Antibody has been assayed against 1.0 ug of Fluorescein conjugated Rabbit IgG in a standard ELISA using Peroxidase conjugated Affinity Purified anti-Goat IgG [H&L] (Donkey) code #605-703-125 and (ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:100,000 to 1:500,000 of the reconstitution concentration is suggested for this product.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000 - 1:50,000
IHC:	User Optimized
WB:	1:1,000 - 1:5,000

Formulation

Physical State:	Lyophilized
Concentration:	90 mg/mL by Refractometry
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.01% (w/v) Sodium Azide
Stabilizer:	None
Reconstitution Volume:	2.0 mL
Reconstitution Buffer:	Restore with deionized water (or equivalent)

Shipping & Handling

Shipping Condition:	Ambient
Storage Condition:	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.
Expiration:	Expiration date is one (1) year from date of receipt.

References

- Bucukovski, J et al. A Multiplex Label-Free Approach to Avian Influenza Surveillance and Serology. *PLoS One* (2015)

Disclaimer

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