

FITC Rabbit Recombinant Oligoclonal Antibody – Purified

Publication Part no. MAN0004991

Rev. Date: 21 August 2011

Catalog Number: 710083

Store at 2–8°C

Clonality: Oligoclonal
Concentration: 0.5 mg/mL
Quantity: 100 µg
Volume: 200 µL

Host/Class: Rabbit IgG
Reactivity: Human FITC
Predicted Reactivity: Human

Product Description

Fluorescein isothiocyanate (FITC) is a fluorescein derived reagent having an isothiocyanate functional group attached to the core ring structure. FITC is one of the most popular reagents for fluorescent labeling of biomolecules and is used mainly in immunofluorescence studies. Anti-FITC antibodies can be used for isolating FITC labeled cells by magnetic microbeads based sorting, as well as removal of background signal.

Product Specifications

Immunogen: FITC conjugated to KLH
Alternate Names: Fluorescein-5-isothiocyanate
Apparent MW: ~0.4 kDa
Clone/PAD: 10HCLC
Lot: See product label

Product Applications

Application	Species	Test Material	Concentration
Quenching assay	—	FITC conjugated Goat-anti-mouse IgG	1.2x10 ⁻² to 50 µg/mL

Storage and Handling

Store the antibody at 2–8°C for up to 1 month, or –20°C for long storage. Avoid repeated freezing and thawing.

Stability

Expires one year from date of receipt when stored as instructed.

Storage Buffer

Phosphate buffered saline (PBS) with 0.09% sodium azide.

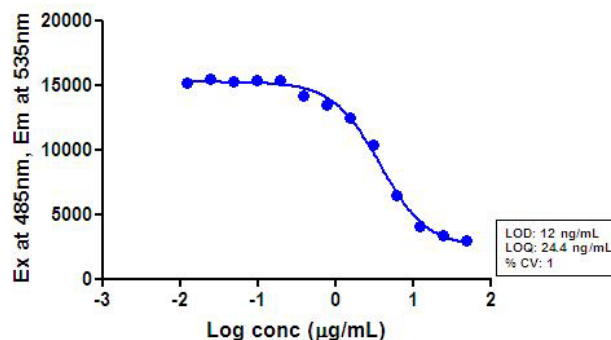


Figure 1 Quenching analysis of FITC Rabbit Recombinant Oligoclonal Antibody (Cat. no. 710083). Quenching analysis was performed using various dilutions of FITC Rabbit Recombinant Oligoclonal Antibody (Cat. no. 710083) against Goat-anti-Mouse IgG-FITC to detect the effect on fluorescence signal (excitation at 485, and emission at 535 nm). A non-linear regression analysis was performed (4 PL) and LOD and LOQ for the antibody was determined.

For research use only. Not for human or animal therapeutic or diagnostic use.

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Safety Data Sheets (SDS)

Safety Data Sheets (SDSs) are available at www.invitrogen.com/sds.














Certificate of Analysis

The Certificate of Analysis provides detailed quality control and product qualification information for each product. Certificates of Analysis are available on our website. Go to www.invitrogen.com/support and search for the Certificate of Analysis by product lot number, which is printed on the box.

Related Products

Product Name	Quantity	Catalog No.
iBlot® Dry Blotting System	1 unit	IB1001
WesternBreeze™ Chromogenic Kit Anti-Rabbit	1 kit	WB7105
WesternBreeze™ Chemiluminescent Kit, Anti-Rabbit	1 kit	WB7106
Goat anti-mouse (H+L), HRP conj.	1 mg	G21040
Goat anti-rabbit (H+L), HRP conj.	1 mg	G21234
Goat anti-mouse (H+L), AP conj.	1 mg	G21060
Goat anti-rabbit (H+L), AP conj.	1 mg	G21079
Nitrocellulose, 0.2 µm	20/pack	LC2000

Explanation of symbols

Symbol	Description	Symbol	Description
	Catalogue Number		Batch code
	Research Use Only		<i>In vitro</i> diagnostic medical device
	Use by		Temperature limitation
	Manufacturer		European Community authorised representative
	Without, does not contain		With, contains
	Protect from light		Consult accompanying documents
	Directs the user to consult instructions for use (IFU), accompanying the product.		

Limited Use Label License: Research Use Only

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