



# Rabbit Anti-FITC monoclonal antibody, clone 7ID6MD0 (CABT-L1301)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

Target	FITC
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	N/A
Clone	7ID6MD0
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	Fluorescent Quenching, Neutralization
Format	Liquid
Concentration	Lot specific
Size	100 µg
Buffer	PBS
Preservative	0.09% Sodium Azide
Storage	Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C

## BACKGROUND

**Introduction**

FITC (fluorescein isothiocyanate) is a fluorochrome dye that absorbs ultraviolet or blue light causing molecules to become excited and emit a visible yellow-green light. This emission ceases upon removal of the light causing the excitation. Fluorochrome labeling provides rapid, accurate localization of antigen-antibody interaction when one of the reactants is part of a cell, tissue or other biological structure. FITC is a commonly used marker for antibodies in immunofluorescent techniques since the conjugation of FITC to proteins is relatively easy and does not, in general, destroy the biological activity of the labeled protein. FITC is widely used as a hapten to label different proteins. Anti-FITC antibodies can be used for isolating FITC labeled cells by magnetic microbeads based sorting, as well as removal of background signal.

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**Keywords**FITC

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