

## Product datasheet

# Anti-FITC antibody [7F4] ab116449

### Overview

<b>Product name</b>	Anti-FITC antibody [7F4]
<b>Description</b>	Mouse monoclonal [7F4] to FITC
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> WB, ELISA
<b>Species reactivity</b>	<b>Reacts with:</b> Species independent
<b>Immunogen</b>	Conjugate of Bovine serum albumin (BSA) and Fluorescein isothiocyanate (FITC).

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot. Store at -20°C.
<b>Storage buffer</b>	pH: 7.40 Constituent: 99% PBS
<b>Purity</b>	Protein G purified
<b>Purification notes</b>	Purity is > 95% by SDS-PAGE.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	7F4
<b>Isotype</b>	IgG1
<b>Light chain type</b>	kappa

### Applications

Our [Abpromise guarantee](#) covers the use of **ab116449** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 1 kDa.
ELISA		Use at an assay dependent dilution.

## Target

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### Relevance

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.

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