

Product datasheet

Anti-FITC antibody (HRP) ab196968

Overview

Product name	Anti-FITC antibody (HRP)
Description	Rabbit polyclonal to FITC (HRP)
Host species	Rabbit
Conjugation	HRP
Specificity	ab196968 recognizes any FITC-labeled protein.
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Species independent
Immunogen	Chemical/ Small Molecule corresponding to FITC conjugated to Keyhole Limpet Haemocyanin (KLH).
General notes	Conjugation: Reductive amination with peroxidase-oxidized HRP. HRP/Ab ratio=2:1.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	Constituents: 50% PBS, 50% Glycerol
Purity	Immunogen affinity purified
Purification notes	ab196968 is affinity-purified with FITC-linked agarose.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab196968** 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
IHC-P		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration.

Target

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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