

Product datasheet

Anti-Fluorescein antibody [4-4-20 (enhanced)] ab206515

Recombinant

[1 Image](#)

Overview

Product name	Anti-Fluorescein antibody [4-4-20 (enhanced)]
Description	Rabbit monoclonal [4-4-20 (enhanced)] to Fluorescein
Host species	Rabbit
Specificity	This antibody recognizes Fluorescein labelled proteins.
Tested applications	Suitable for: WB, Flow Cyt
Species reactivity	Reacts with: Species independent
Immunogen	Chemical/ Small Molecule corresponding to Fluorescein conjugated to Bovine Serum Albumin (BSA). Fluorescein I-bovine serum albumin (FI-BSA).
General notes	This is a chimeric antibody created as part of a panel offering antibodies of the same specificity in different formats (species, isotype, subtype and modified versions) for use as isotype controls.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.02% Proclin 300 Constituent: 99% PBS
Purity	Protein A purified
Clonality	Monoclonal
Clone number	4-4-20 (enhanced)
Isotype	IgG
Light chain type	kappa

Applications

The **Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab206515 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 at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration.

Target

Relevance

Fluorescein is a fluorophore commonly used to label proteins - protein-fluorescein conjugates are not usually susceptible to precipitation. In addition to its relatively high absorptivity, excellent fluorescence quantum yield and good water solubility, fluorescein has an excitation maximum of 494 nm that closely matches the 488 nm spectral line of the argon-ion laser, making it an important fluorophore for confocal laser-scanning microscopy and flow cytometry applications. Its fluorescence is pH sensitive and is significantly reduced below pH 7. Fluorescein emits most strongly between 500 and 550 nm, but it has a relatively broad emission spectrum reaching to over 600 nm. Several derivatives of fluorescein are commonly used, including FITC (fluorescein isothiocyanate), carboxylates and succinimidyl esters.

Images


Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-Fluorescein antibody [4-4-20 (enhanced)]
(ab206515)

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