abcam

Product datasheet

Alkaline Phosphatase Anti-Fluorescein antibody ab6657

Overview

Product name	Alkaline Phosphatase Anti-Fluorescein antibody
Description	Alkaline Phosphatase Goat polyclonal to Fluorescein
Host species	Goat
Conjugation	Alkaline Phosphatase
Tested applications	**Suitable for:** Dot blot, ELISA, IHC-P, IHC-Fr, WB
Species reactivity	**Reacts with:** Species independent
Immunogen	Chemical/ Small Molecule corresponding to Fluorescein. Fluorescein conjugated to Goat IgG
General notes	Alkaline Phosphatase (Calf Intestine) (Molecular Weight 140,000 daltons) The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.01% Sodium azide Constituents: 0.87% Sodium chloride, 0.788% Tris HCl, 0.0095% Magnesium chloride, 0.014% Zinc chloride, 50% Glycerol (glycerin, glycerine), 1% BSA
Purity	Affinity purified
Purification notes	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Fluorescein IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab6657 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
Dot blot		1/1000 - 1/5000.
ELISA		1/1000 - 1/5000.
IHC-P		1/1000 - 1/5000.
IHC-Fr		1/1000 - 1/5000.
WB		1/1000 - 1/5000.

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.

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