

FITC Polyclonal Antibody

Catalog NumberPA1-28347

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Chemical
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	ELISA (ELISA)	Dilution *
Type	Antibody	Immunohistochemistry (IHC)	Assay-dependent
Immunogen	FITC	Western Blot (WB)	Assay-dependent
Conjugate	Unconjugated	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Form	Liquid		
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS, pH 7.4		
Contains	0.1% sodium azide		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Product specific information

PA1-28347 detects FITC from tagged samples. PA1-28347 has been successfully used in ELISA and Western blot applications. The PA1-28347 immunogen is FITC. Store at 4°C short term. For extended storage aliquot and store at -20°C or below. Avoid Freeze/Thaw Cycles.

Background/Target Information

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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