

For Research Use Only

FITC Recombinant antibody

Catalog Number: 80003-1-RR **1 Publications**



Basic Information

Catalog Number:

80003-1-RR

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

GeneID (NCBI):

Full Name:

Purification Method:

Protein A purification

CloneNo.:

1B2

Recommended Dilutions:

WB 1:2000-1:10000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

IP

Species Specificity:

fitc conjugated

Cited Species:

human

Positive Controls:

WB : FITC conjugated antibody,

Background Information

Fluorescein isothiocyanate (FITC) is a derivative of fluorescein used in wide-ranging applications. It is the original fluorescein molecule functionalized with an isothiocyanate reactive group ($-N=C=S$), replacing a hydrogen atom on the bottom ring of the structure. It is typically available as a mixture of isomers, fluorescein 5-isothiocyanate (5-FITC) and fluorescein 6-isothiocyanate (6-FITC). FITC is reactive towards nucleophiles including amine and sulfhydryl groups on proteins. CAS number of FITC: 27072-45-3 (mixture); 3326-32-7, 5-isomer; 18861-78-4 (6-isomer). This rabbit recombinant antibody detects the FITC only. This antibody can be coated in the plate to capture the FITC conjugated protein or antibody.

Notable Publications

Author	Pubmed ID	Journal	Application
Jialiang Luo	36029544	Biomed Pharmacother	IP

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

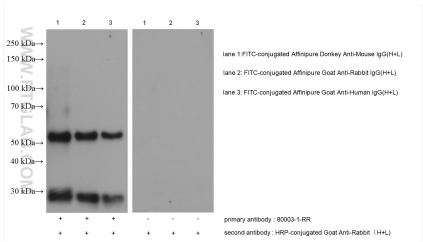
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



FITC-conjugated secondary antibodies were subjected to SDS PAGE followed by western blot with 80003-1-RR (FITC antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.