

For Research Use Only

# - FITC Recombinant antibody, PBS Only



Catalog Number: 80003-1-PBS

## Basic Information

Catalog Number:

80003-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

GeneID (NCBI):

Full Name:

Purification Method:

Protein A purification

CloneNo.:

1B2

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

FITC conjugated

## 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.

## Storage

Storage:

Store at  $-80^{\circ}\text{C}$ .

Storage Buffer:

PBS Only

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

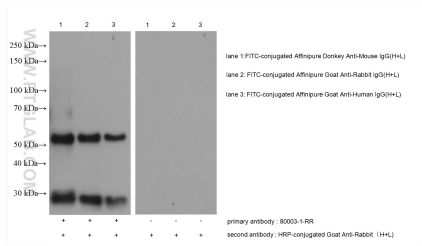
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

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## Selected Validation Data



FITC-conjugated secondary antibodies were subjected to SDS PAGE followed by western blot with 8003-1-RR (FITC antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 8003-1-PBS in a different storage buffer formulation.