

For Research Use Only

FcZero-rAb® PE-Cyanine7 Anti-6*His, His-Tag Rabbit Recombinant Antibody

Catalog Number:PY7-FcA98450



Basic Information

Catalog Number:

PY7-FcA98450

Concentration:

100ug, 200 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

GeneID (NCBI):

UNIPROT ID:

HISTAG

Full Name:

Calculated MW:

1 kDa

Purification Method:

Protein A purification

CloneNo.:

251107A1

Recommended Dilutions:

FC (Intra): 0.1 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

496 nm, 565 nm / 778 nm

Applications

Tested Applications:

FC (Intra)

Species Specificity:

n/a

Positive Controls:

FC (Intra) : Transfected HEK-293T cells,

Background Information

Protein tags are protein or peptide sequences located either on the C- or N- terminal of the target protein, which facilitates one or several of the following characteristics: solubility, detection, purification, localization and expression. His-tag is often used for affinity purification and binding assays. Expressed His-tagged proteins can be purified and detected easily because the string of histidine residues binds to several types of immobilized metal ions, including nickel, cobalt and copper, under specific buffer conditions. The His-tag antibody is a useful tool for monitoring of the His-tagged proteins, and recognizes His-tags placed at N-terminal, C-terminal, and internal regions of fusion proteins expressed in bacteria, insect, and mammalian cells.

Storage

Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

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

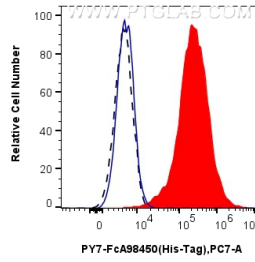
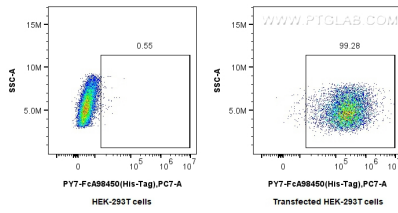
T: 4006900926

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



1×10^6 transfected HEK-293T cells or untransfected HEK-293T cells were intracellularly stained with 0.1 μ g PE-Cyanine7 Anti-6^{His}, His-Tag Rabbit RecAb (PY7-FcA98450, Clone: 251107A1). Cells were incubated with MonoZero™ Monocytes blocking Reagent (PF00020) prior to staining. Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019).

1×10^6 transfected HEK-293T cells were intracellularly stained with 0.1 μ g PE-Cyanine7 Anti-6^{His}, His-Tag Rabbit RecAb (PY7-FcA98450, Clone: 251107A1) (red) or 0.1 μ g FcZero-rAb™ PE-Cyanine7 Rabbit IgG Isotype Control Recombinant Antibody (PY7-FcA98136, Clone: 240953C9) (blue). 1×10^6 untransfected HEK-293T cells were intracellularly stained with 0.1 μ g PE-Cyanine7 Anti-6^{His}, His-Tag Rabbit RecAb (PY7-FcA98450, Clone: 251107A1)

