

For Research Use Only

# FcZero-rAb® CoraLite® Plus 488 Anti-6\*His, His-Tag Rabbit Recombinant Antibody

Catalog Number: CL488-FcA98450



## Basic Information

Catalog Number:

CL488-FcA98450

Size:

100ug, 500 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): 0.25 ug per 10<sup>6</sup> cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

493 nm / 522 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, pH7.3

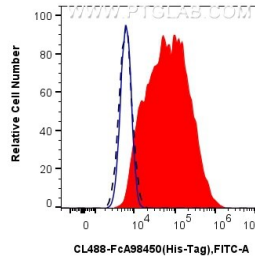
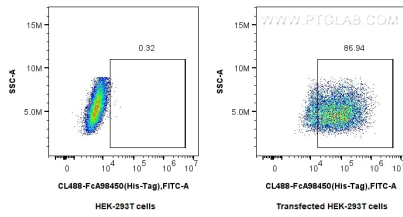
For technical support and original validation data for this product please contact:

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## Selected Validation Data



$1 \times 10^6$  transfected HEK-293T cells or untransfected HEK-293T cells were intracellularly stained with 0.25  $\mu$ g CoraLite® Plus 488 Anti-6<sup>His</sup>, His-Tag Rabbit RecAb (CL488-FcA98450, Clone: 251107A1). Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019).

$1 \times 10^6$  transfected HEK-293T cells were intracellularly stained with 0.25  $\mu$ g CoraLite® Plus 488 Anti-6<sup>His</sup>, His-Tag Rabbit RecAb (CL488-FcA98450, Clone:251107A1) (red) or 0.25  $\mu$ g FcZero-rAb™ CoraLite® Plus 488 Rabbit IgG Isotype Control Recombinant Antibody (CL488-FcA98136, Clone: 240953C9) (blue).  $1 \times 10^6$  untransfected HEK-293T cells were intracellularly stained with 0.25  $\mu$ g CoraLite® Plus 488 Anti-6<sup>His</sup>, His-Tag

