

For Research Use Only

CoraLite® Plus 488-conjugated 6*His, His-Tag Monoclonal antibody

Catalog Number: CL488-66005

8 Publications



Basic Information

Catalog Number:

CL488-66005

Concentration:

1000 ug/ml

Source:

Mouse

Isotype:

IgG1

GenBank Accession Number:

GeneID (NCBI):

UNIPROT ID:

HISTAG

Full Name:

Calculated MW:

0.84 kDa

Purification Method:

Protein G purification

CloneNo.:

1B7G5

Recommended Dilutions:

IF/ICC: 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Cited Applications:

IF

Species Specificity:

recombinant protein

Positive Controls:

IF/ICC : Transfected HEK-293 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.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|---------------|-----------|------------------------|-------------|
| Jingwei Jiang | 34998985 | Fish Shellfish Immunol | |
| Zhenyu Wei | 40222104 | EBioMedicine | IF |
| Jinjin Chen | 39772458 | ACS Nano | IF |

Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3

Aliquoting is unnecessary for -20°C storage

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

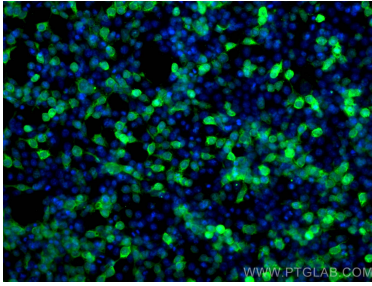
T: 4006900926

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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



Immunofluorescent analysis of (-20°C Ethanol)
fixed Transfected HEK-293 cells using Coralite®
Plus 488 6*His, His-Tag antibody (CL488-66005,
Clone: 1B7G5) at dilution of 1:200.