

For Research Use Only

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

Catalog Number: CL488-66005

6 Publications



Basic Information

Catalog Number:

CL488-66005

GenBank Accession Number:

GeneID (NCBI):

5

Size:

100ul, Concentration: 1000 ug/ml by Nanodrop;

Full Name:

6*His, His Tag

Source:

Mouse

Calculated MW:

1 kDa

Isotype:

IgG1

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

Positive Controls:

IF/ICC : Transfected HEK-293 cells,

Cited Applications:

IF

Species Specificity:

recombinant protein

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	
Jinjin Chen	39772458	ACS Nano	IF
Zuowei Wang	39807166	iScience	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, pH 7.3.

Aliquoting is unnecessary for -20°C storage

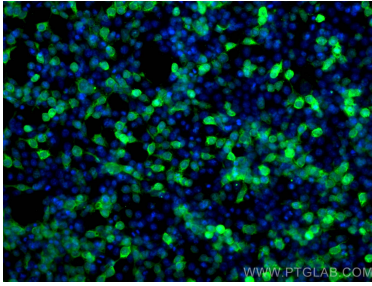
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.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.