

For Research Use Only

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



Catalog Number:CL488-66005

3 Publications

## Basic Information

Catalog Number: CL488-66005	GenBank Accession Number: GeneID (NCBI):	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Full Name:	CloneNo.: 1B7G5
Source: Mouse	Calculated MW: 1 kDa	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG1		Excitation/Emission maxima wavelengths: 493 nm / 522 nm

## Applications

Tested Applications: IF	Positive Controls: IF : Transfected HEK-293 cells,
Cited Applications: FC	
Species Specificity: recombinant protein	
Cited Species: human	

## 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	
Ling Li	38048356	PLoS Pathog	FC
Jingwei Jiang	38040134	Fish Shellfish Immunol	

## Storage

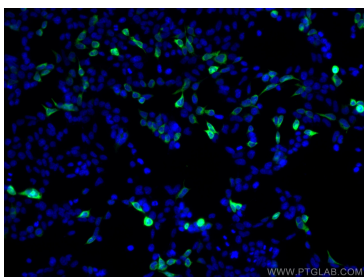
Storage:  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
Storage Buffer:  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

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 the CoraLite® Plus 488-conjugated version of this antibody, CL488-66005 (6<sup>His</sup>, His-Tag antibody), at dilution of 1:100.