For Research Use Only

CoraLite®594-conjugated 6*His, His-Tag Monoclonal antibody

Catalog Number:CL594-66005 2 Publications

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Basic Information

Catalog Number:
CL594-66005

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

Source:
Mouse

Isotype:
IgG1

GenBank Accession Number:

GeneID (NCBI):
5

Full Name:
6*His, His Tag

Calculated MW:
1 kDa

Purification Method:
Protein G purification

CloneNo.:
1B7G5

Recommended Dilutions:
IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:
588 nm / 604 nm

Applications

Tested Applications:
IF/ICC

Cited Applications:
WB, 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
Liang Zhao	39714166	J Virol	IF
Swapnil C Devarkar	37733586	Cell Rep	WB

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
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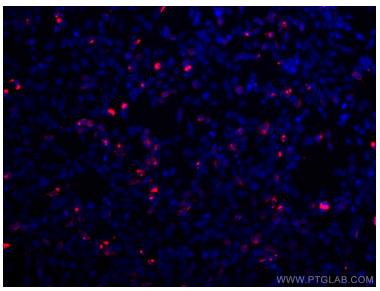
Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed Transfected HEK-293 cells using CoraLite®594 6*His, His-Tag antibody (CL594-66005, Clone: 1B7G5) at dilution of 1:200.