

For Research Use Only

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



Catalog Number: **CL594-66005**

## Basic Information

<b>Catalog Number:</b> CL594-66005	<b>GenBank Accession Number:</b> GenID (NCBI):	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100UL, Concentration: 1000 µg/ml by Nanodrop;	<b>Full Name:</b> <b>Calculated MW:</b> 1 kDa	<b>CloneNo.:</b> 1B7G5
<b>Source:</b> Mouse		<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Isotype:</b> IgG1		<b>Excitation/Emission maxima wavelengths:</b> 593 nm/614 nm

## Applications

**Tested Applications:**  
IF, ELISA

**Species Specificity:**  
recombinant protein

**Positive Controls:**

IF : 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.

## 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

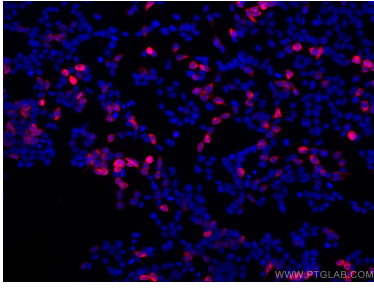
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed Transfected HEK-293 cells using the CoraLite®594-conjugated version of this antibody, CL594-66005 (6<sup>His</sup>, His-Tag antibody), at dilution of 1:100.