

For Research Use Only

# CoraLite®594-conjugated IPO4 Monoclonal antibody



Catalog Number:CL594-67549

## Basic Information

<b>Catalog Number:</b> CL594-67549	<b>GenBank Accession Number:</b> BC003690	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 79711	<b>CloneNo.:</b> 2F3H2
<b>Source:</b> Mouse	<b>Full Name:</b> importin 4	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 1081 aa, 118 kDa	<b>Excitation/Emission maxima wavelengths:</b> 593 nm / 614 nm
<b>Immunogen Catalog Number:</b> AG2281	<b>Observed MW:</b> 120 kDa	

## Applications

<b>Tested Applications:</b> IF	<b>Positive Controls:</b> IF : MCF-7 cells,
<b>Species Specificity:</b> Human	

## Background Information

Importin-4 (IPO4) belongs to the importin  $\beta$  family which directs the cargo to pass through the nuclear pore complex via transient interaction with nucleoporins. IPO4 is responsible for transporting histones H3 and H4 into the nucleus for chromatin assembly. Recently IPO4 has been reported to contribute to gastric cancer progression and poor prognosis.

## Storage

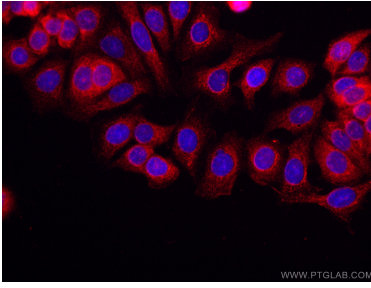
**Storage:**  
Store at -20°C. Avoid exposure to light.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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 MCF-7 cells using CoraLite@594 IPO4 antibody (CL594-67549, Clone: 2F3H2 ) at dilution of 1:100.