

For Research Use Only

# CoraLite®594-conjugated SEC5/EXOC2 Monoclonal antibody

Catalog Number: CL594-66011

Featured Product



## Basic Information

### Catalog Number:

CL594-66011

### Size:

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

### Source:

Mouse

### Isotype:

IgG2b

### Immunogen Catalog Number:

AG17866

### GenBank Accession Number:

BC016918

### GeneID (NCBI):

55770

### UNIPROT ID:

Q96KP1

### Full Name:

exocyst complex component 2

### Calculated MW:

924 aa, 104 kDa

### Observed MW:

100 kDa

### Purification Method:

Protein A purification

### CloneNo.:

1C11G2

### Recommended Dilutions:

IF/ICC 1:50-1:500

### Excitation/Emission maxima wavelengths:

588 nm / 604 nm

## Applications

### Tested Applications:

IF/ICC

### Species Specificity:

human, mouse, pig, rat

### Positive Controls:

IF/ICC : HeLa cells,

## Background Information

EXOC2 (exocyst complex component 2), also known as SEC5 and SEC5L1, is a component of the exocyst complex, and is required to mediate RalB-dependent survival signals in transformed cells. The exocyst complex, composed of eight evolutionarily conserved subunits (SEC3, SEC5, SEC6, SEC8, SEC10, SEC15, EXO70, and EXO84), is involved in tethering post-Golgi secretory vesicles to specific plasma membrane domains. The gene of EXOC2 maps to chromosome 6p25.3, and encodes a 924-amino acid protein with an experimentally determined molecular mass of 95-100 kDa. EXOC2 mRNA is widely expressed with highest levels in brain and placenta.

## 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

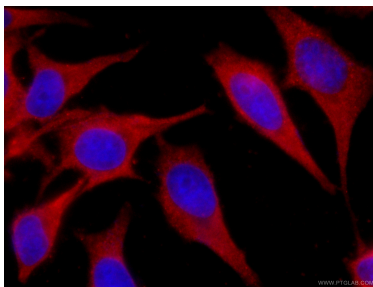
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CL594-66011 (SEC5/EXOC2 antibody) at dilution of 1:100.