

For Research Use Only

# CoraLite®594-conjugated EXOSC9 Monoclonal antibody



Catalog Number:CL594-67636

## Basic Information

<b>Catalog Number:</b> CL594-67636	<b>GenBank Accession Number:</b> BC142978	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 5393	<b>CloneNo.:</b> 3F4G1
<b>Source:</b> Mouse	<b>Full Name:</b> exosome component 9	<b>Excitation/Emission maxima wavelengths:</b> 588 nm / 604 nm
<b>Isotype:</b> IgG2a	<b>Calculated MW:</b> 456 aa, 51 kDa	
<b>Immunogen Catalog Number:</b> AG19783	<b>Observed MW:</b> 65-70 kDa	

## Applications

**Tested Applications:**  
FC (Intra)

**Species Specificity:**  
Human, Mouse, Rat

## Background Information

EXOSC9, also named as PMSCL1 and PM/Scl-75, is a key subunit of the exosome complex. EXOSC9 maintains self-renewal in a cell-autonomous manner. EXOSC9 has 4 isoforms with MW 49 kDa, 51 kDa, 39 kDa and 41 kDa. It's polymyositis/scleroderma auto-antigen 75 kDa. The MW of EXOSC9 is migrated to 60-75 kDa for modification in WB detection.

## 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.

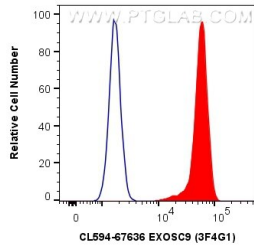
Aliquoting is unnecessary for -20°C storage

\*\*\* 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



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human EXOSC9 (CL594-67636, Clone:3F4G1) (red), or 0.4 ug Isotype Control. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).