

CoraLite®594-conjugated MCM5 Monoclonal antibody

Catalog Number: **CL594-67049**

Basic Information

Catalog Number:

CL594-67049

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG28704

GenBank Accession Number:

BC000142

GeneID (NCBI):

4174

UNIPROT ID:

P33992

Full Name:

minichromosome maintenance
complex component 5

Calculated MW:

82 kDa

Observed MW:

82-88 kDa

Purification Method:

Protein G purification

CloneNo.:

3B7F8

**Excitation/Emission maxima
wavelengths:**

588 nm / 604 nm

Applications

Tested Applications:

FC (Intra)

Species Specificity:

Human

Background Information

Minichromosome maintenance, *S. Cerevisiae*, homolog of 5(MCM5), one component of the complex of MCM2-7, which is the putative replicative essential for once per cell cycle DNA replication initiation and elongation in eukaryotic cells. The MCM complex form a hexameric ring through the interaction surfaces of two neighboring subunits.

Storage

Storage:

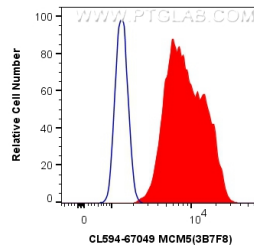
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



1X10⁶ MCF-7 cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human MCM5 (CL594-67049, Clone:3B7F8) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).