

CoraLite®594-conjugated Flightless I Monoclonal antibody

Catalog Number: CL594-67039

Basic Information

Catalog Number:

CL594-67039

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG26865

GenBank Accession Number:

BC025300

GeneID (NCBI):

2314

UNIPROT ID:

Q13045

Full Name:

flightless I homolog (Drosophila)

Calculated MW:

1269 aa, 145 kDa

Observed MW:

145-150 kDa

Purification Method:

Protein A purification

CloneNo.:

2F9C8

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, Rat

Positive Controls:

IF/ICC : HeLa cells,

Background Information

Flightless I (Flil) is the most evolutionarily conserved member of the gelsolin superfamily of proteins which are key regulators of actin filament assembly and turnover. Flil comprises an N-terminal leucine-rich repeat (LRR) domain which is not present in other gelsolin family members, and the LRR domain may enable interactions between Flil and other molecules involved in signal transduction, thereby spatially integrating signaling and actin remodeling functions. This protein was originally found in Drosophila and participates in the embryonic development, while mammalian Flil protein was involved in the regulation of wound repair, skin barrier development. Studies recently demonstrated that Flil protein associated with colorectal cancer, hepatocellular and prostate cancer (PMID:30091651; 28498392).

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

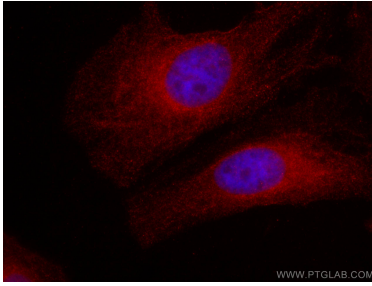
For technical support and original validation data for this product please contact:

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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 (4% PFA) fixed HeLa cells using Coralite®594-conjugated Flightless I antibody (CL594-67039, Clone: 2F9C8) at dilution of 1:100.