

CoraLite® Plus 488-conjugated Moesin Polyclonal antibody

Catalog Number: **CL488-26053**

Basic Information

Catalog Number:

CL488-26053

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG23531

GenBank Accession Number:

BC017293

GeneID (NCBI):

4478

UNIPROT ID:

P26038

Full Name:

moesin

Calculated MW:

577 aa, 68 kDa

Observed MW:

68-70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human, mouse, rat

Positive Controls:

IF/ICC : HepG2 cells,

Background Information

Moesin belongs to the ezrin-radixin-moesin (ERM) family of proteins which act as cross-linkers between membrane and actin cytoskeleton. ERM proteins provide structural links to strengthen the cell cortex and facilitate several key cellular processes, including membrane dynamics, substrate adhesion, cell survival, cell adhesion, and motility. The function of ERM proteins is highly reliant on phosphorylation induced conformational changes in response to growth factor, chemokine, and antigen stimulation. This antibody may cross-react with ezrin or radixin with molecular weights around 68-70 kDa.

Storage

Storage:

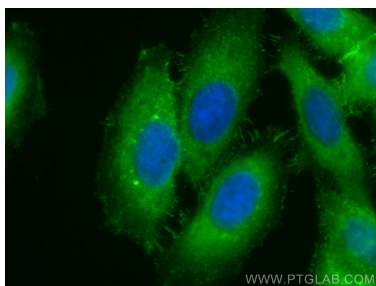
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

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



Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using Coralite® Plus 488 Moesin antibody (CL488-26053) at dilution of 1:200.