

For Research Use Only

CoraLite® Plus 488-conjugated FHL2 Recombinant monoclonal antibody

Catalog Number: CL488-86060



Basic Information

| | | | | | |
|---------------------------|-------------|---------------------------|-------------------------------|---|------------------------|
| Catalog Number: | CL488-86060 | GenBank Accession Number: | BC014397 | Purification Method: | Protein A purification |
| Source: | Rabbit | GenelD (NCBI): | 2274 | CloneNo.: | 250585E1 |
| Isotype: | IgG | UNIPROT ID: | Q14192 | Recommended Dilutions: | IF/ICC: 1:50-1:500 |
| Immunogen Catalog Number: | AG29655 | Full Name: | four and a half LIM domains 2 | Excitation/Emission maxima wavelengths: | 493 nm / 522 nm |
| | | Calculated MW: | 32 kDa | | |
| | | Observed MW: | 30-32 kDa | | |

Applications

| | |
|----------------------|---------------------------------|
| Tested Applications: | Positive Controls: |
| IF/ICC | IF/ICC: HeLa cells, HSkMC cells |
| Species Specificity: | |
| human, mouse | |

Background Information

FHL2(Four and a half LIM domains protein 2), also known as DRAL. It is located in cytoplasm and nucleus. The protein is expressed in skeletal muscle and heart. May function as a molecular transmitter linking various signaling pathways to transcriptional regulation. Negatively regulates the transcriptional repressor E4F1 and may function in cell growth. Inhibits the transcriptional activity of FOXO1 and its apoptotic function by enhancing the interaction of FOXO1 with SIRT1 and FOXO1 deacetylation. Negatively regulates the calcineurin/NFAT signaling pathway in cardiomyocytes (PMID: 28717008). The molecular weight of FHL2 is 32 kDa.

Storage

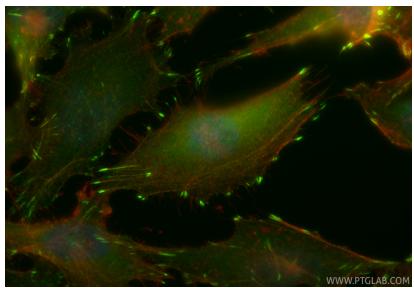
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com

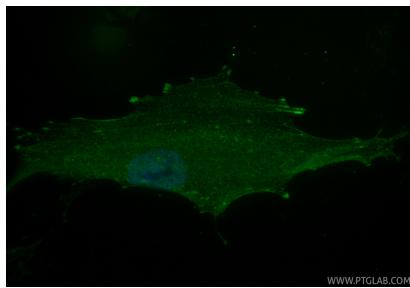
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using Coralite® Plus 488 FHL2 antibody (C488-86060, Clone: 250585E1) at dilution of 1:200, CL594-phalloidin (red).



Immunofluorescent analysis of (4% PFA) fixed HSkMC cells using Coralite® Plus 488 FHL2 antibody (C488-86060, Clone: 250585E1) at dilution of 1:200.