

For Research Use Only

CoraLite® Plus 488-conjugated VEGF-C Monoclonal antibody

Catalog Number:CL488-67116



Basic Information

Catalog Number:

CL488-67116

Size:

1000 ug/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG18182

GenBank Accession Number:

BC035212

GeneID (NCBI):

7424

UNIPROT ID:

P49767

Full Name:

vascular endothelial growth factor C

Calculated MW:

419 aa, 47 kDa

Observed MW:

47 kDa

Purification Method:

Protein G purification

CloneNo.:

2B11F7

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima

wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC, FC (Intra)

Species Specificity:

human

Positive Controls:

IF/ICC : MCF-7 cells,

Background Information

VEGFC is a member of the platelet-derived growth factor / vascular endothelial growth factor (PDGF/VEGF) family. The main function of VEGFC is to promote the growth of lymphatic vessels (Lymphangiogenesis). It acts on lymphatic endothelial cells (LECs) primarily via its receptor VEGFR-3 promoting survival, growth, and migration.

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:

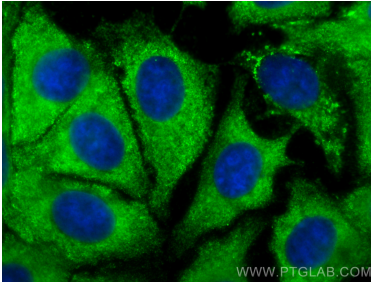
T: 4006900926

E: Proteintech-CN@ptglab.com

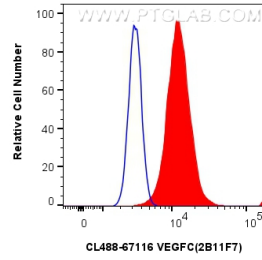
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed MCF-7 cells using CoraLite® Plus 488 VEGFC antibody (CL488-67116, Clone: 2B11F7) at dilution of 1:200.



1x10⁶ MCF-7 cells were intracellularly stained with 0.4 ug CoraLite® Plus 488-conjugated VEGFC Monoclonal antibody (CL488-67116, Clone:2B11F7) (red), or 0.4 ug CoraLite® Plus 488 Mouse IgG1 Isotype Control (1F8D3) (CL488-66360-1, Clone: 1F8D3) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).