

CoraLite® Plus 488-conjugated VASH2 Monoclonal antibody

Catalog Number: **CL488-67753**

Basic Information

Catalog Number:

CL488-67753

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG29985

GenBank Accession Number:

BC028194

GeneID (NCBI):

79805

UNIPROT ID:

Q86V25

Full Name:

vasohibin 2

Calculated MW:

355 aa, 40 kDa

Observed MW:

34 kDa

Purification Method:

Protein G purification

CloneNo.:

3A11D10

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

Human

Positive Controls:

IF/ICC : SKOV-3 cells,

Background Information

VASH2, also named as vasohibin 2, is an important pro-angiogenesis factor in solid tumor. It has been reported that VASH2 is expressed in mononuclear cells mobilized from bone marrow to promote angiogenesis. VASH2 also plays a key role in axon formation. VASH2 is localized as a nuclear type (with 311 amino acid residues) and cytoplasmic type (with 355 amino acid residues and low abundance). Cytoplasmic VASH2 is associated with carcinoma angiogenesis, while nuclear VASH2 may be associated with cell proliferation. 67753-1-Ig antibody recognizes both the nuclear and cytoplasmic isoforms. (PMID:23615928; 19204325; 31235911; 26177649)

Storage

Storage:

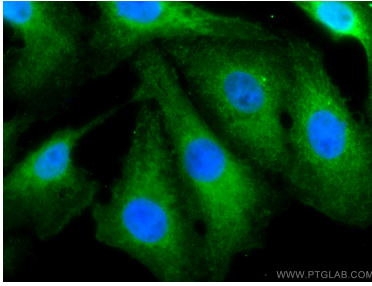
Store at -20°C. Avoid exposure to light.

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 (4% PFA) fixed SKOV-3 cells using CoraLite® Plus 488 VASH2 antibody (CL488-67753, Clone: 3A11D10) at dilution of 1:200.