

For Research Use Only

CoraLite® Plus 488-conjugated VASH2 Monoclonal antibody



Catalog Number: **CL488-67753**

Basic Information

Catalog Number: CL488-67753	GenBank Accession Number: BC028194	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 79805	CloneNo.: 3A11D10
Source: Mouse	UNIPROT ID: Q86V25	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG1	Full Name: vasohibin 2	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG29985	Calculated MW: 355 aa, 40 kDa	
	Observed MW: 34 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF : SKOV-3 cells,
Species Specificity: Human	

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

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

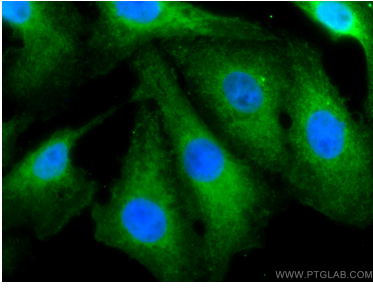
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Selected Validation Data



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