

For Research Use Only

CoraLite® Plus 488-conjugated OCIAD1 Monoclonal antibody



Catalog Number:CL488-66698

Featured Product

Basic Information

Catalog Number:

CL488-66698

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG9977

GenBank Accession Number:

BC003409

GeneID (NCBI):

54940

UNIPROT ID:

Q9NX40

Full Name:

OCIA domain containing 1

Calculated MW:

28 kDa

Observed MW:

35 kDa

Purification Method:

Protein A purification

CloneNo.:

1C10C3

Recommended Dilutions:

IF-P 1:50-1:500

IF/ICC 1:50-1:500

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC, IF-P

Species Specificity:

human, mouse, rat

Positive Controls:

IF-P : human liver cancer tissue,

IF/ICC : HeLa cells,

Background Information

OCIAD1 was first identified by immunoscreening of an ovarian carcinoma cDNA expression library with ascites fluid from ovarian cancer patients (PMID: 11162530). OCIAD1 has been reported as a key player in ovarian cancer cell adhesion, as well as a key player in generating ovarian cancer recurrence (PMID: 18328549; 20515946). In addition to its roles in cancer, OCIAD1 participates in maintaining stem cell potency by regulating the Jak/STAT pathway (PMID: 23972987). Several alternatively spliced forms of OCIAD1 gene have been identified. The longest form (1.4 kb) is predicted to encode for a 27.6 kDa protein of 245 amino acids. This antibody detects OCIAD1 with an apparent molecular weight of ~35 kDa as has been demonstrated by several researches (PMID: 27345969; 27345976).

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:

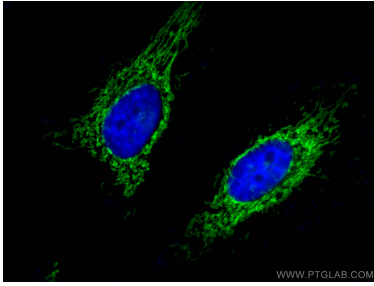
T: 4006900926

E: Proteintech-CN@ptglab.com

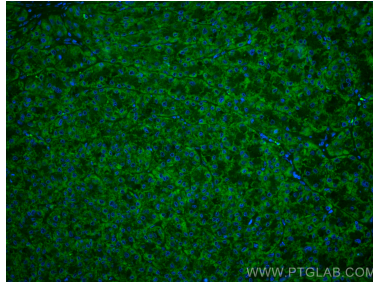
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

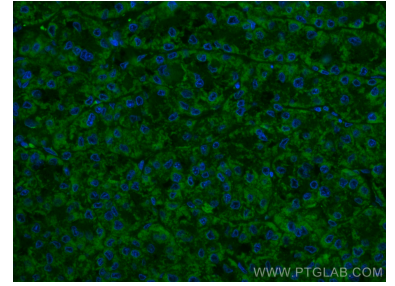
Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 OC1AD1 antibody (CL488-66698, Clone: 1C10C3) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed human liver cancer tissue using CoraLite® Plus 488 OC1AD1 antibody (CL488-66698, Clone: 1C10C3) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed human liver cancer tissue using CoraLite® Plus 488 OC1AD1 antibody (CL488-66698, Clone: 1C10C3) at dilution of 1:200.