

For Research Use Only

FIP1L1 Recombinant antibody

Catalog Number:83863-3-RR



Basic Information

Catalog Number: 83863-3-RR	GenBank Accession Number: BC017724	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 81608	CloneNo.: 240658A8
Source: Rabbit	UNIPROT ID: Q6UN15	Recommended Dilutions: IHC 1:250-1:1000 IF/ICC 1:125-1:500
Isotype: IgG	Full Name: FIP1 like 1 (S. cerevisiae)	
Immunogen Catalog Number: AG2921	Calculated MW: 594 aa, 66 kDa	

Applications

Tested Applications:
IHC, IF/ICC, FC (Intra), ELISA

Species Specificity:
human

Positive Controls:
IHC : human ovary cancer tissue,
IF/ICC : MCF-7 cells,

**Note-IHC: suggested antigen retrieval with
TE buffer pH 9.0; (*) Alternatively, antigen
retrieval may be performed with citrate
buffer pH 6.0**

Background Information

FIP1L1, also known as FIP1, encodes a subunit of the CPSF (cleavage and polyadenylation specificity factor) complex that polyadenylates the 3' end of mRNA precursors. The FIP1L1-PDGFR fusion gene encodes a constitutively activated tyrosine kinase that links the first 233 amino acids of FIP1L1 to the last 523 amino acids of PDGFR. This gene fusion and chromosomal deletion causes some forms of idiopathic hypereosinophilic syndrome (HES)(PMID: 12660384).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

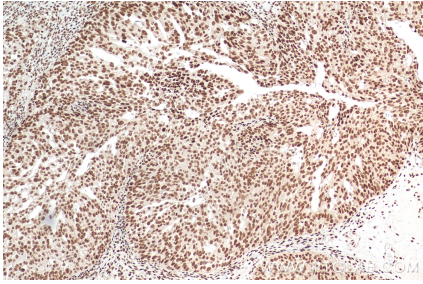
For technical support and original validation data for this product please contact:

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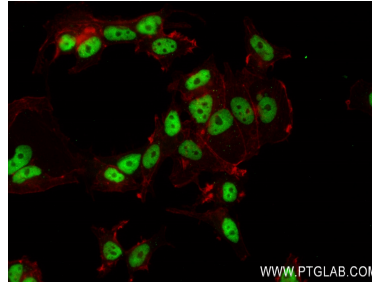
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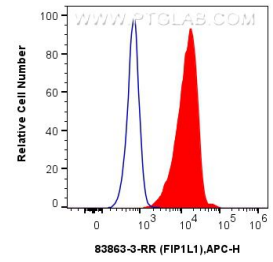
Selected Validation Data



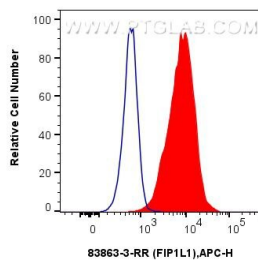
Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 83863-3-RR (FIP1L1 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using FIP1L1 antibody (83863-3-RR, Clone: 240658A8) at dilution of 1:250 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



1×10^6 A549 cells were intracellularly stained with 0.25 ug FIP1L1 Recombinant antibody (83863-3-RR, Clone:240658A8) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set.



1×10^6 U-2 OS were intracellularly stained with 0.25 ug FIP1L1 Recombinant antibody (83863-3-RR, Clone:240658A8) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set.