

CoraLite[®] Plus 488-conjugated U2AF2/U2AF65 Monoclonal antibody

Catalog Number: **CL488-68166**

Basic Information

Catalog Number: CL488-68166	GenBank Accession Number: BC008740	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 11338	CloneNo.: 1B7E7
Source: Mouse	UNIPROT ID: P26368	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG2a	Full Name: U2 small nuclear RNA auxiliary factor	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG8070	2	
	Calculated MW: 54 kDa	
	Observed MW: 60-65 kDa	

Applications

Tested Applications: IF/ICC, FC (Intra)	Positive Controls: IF/ICC : HEK-293 cells,
Species Specificity: human, mouse, rat	

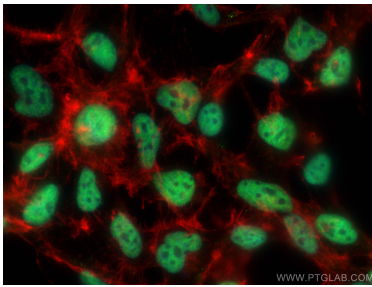
Background Information

U2AF2, also named as U2 auxiliary factor 65 kDa subunit, is a 475 amino acid protein, which belongs to the splicing factor SR family. U2AF2 is Necessary for the splicing of pre-mRNA. By recruiting PRPF19 and the PRP19C/Prp19 complex/NTC/Nineteen complex to the RNA polymerase II C-terminal domain (CTD), pre-mRNA, may couple transcription to splicing. The calculated molecular weight of U2AF2 is 53 kDa, but modified U2AF2 is about 65 kDa.

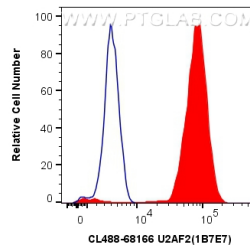
Storage

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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using CoraLite® Plus 488 U2AF2 antibody (CL488-68166, Clone: 1B7E7) at dilution of 1:100, CL594-phalloidin (red).



1X10⁶ HEK-293 cells were intracellularly stained with 0.8 ug CoraLite® Plus 488 Anti-Human U2AF2 (CL488-68166, Clone:1B7E7) (red), or 0.8 ug CoraLite® Plus 488 Mouse IgG2a Isotype Control (C1.18.4) (CL488-65208, Clone: C1.18.4) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).