For Research Use Only

CoraLite®594-conjugated U2AF35 Monoclonal antibody

Catalog Number:CL594-60289

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
CL594-60289

Size:
100ul , Concentration: 2000 ug/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG2c

Immunogen Catalog Number:
AG0399

GenBank Accession Number:
BC001923

GeneID (NCBI):
7307

UNIPROT ID:
Q01081

Full Name:
U2 small nuclear RNA auxiliary factor 1

Calculated MW:
28 kDa

Observed MW:
35-40 kDa

Purification Method:
Protein A purification

CloneNo.:
2B7F11

Recommended Dilutions:
IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:
588 nm / 604 nm

Applications

Tested Applications:
IF/ICC, FC (Intra)

Species Specificity:
human

Positive Controls:

IF/ICC : HepG2 cells,

Background Information

U2 auxiliary factor (U2AF), comprising a large and a small subunit, is a non-snRNP protein required for the binding of U2 snRNP to the pre-mRNA branch site. U2 (RNU2) small nuclear RNA auxiliary factor 1 (U2AF1,synonyms: RN, FP793, U2AF35, U2AFBP, RNU2AF1)is the small subunit which plays a critical role in both constitutive and enhancer-dependent RNA splicing by directly mediating interactions between the large subunit and proteins bound to the enhancers. The U2AF1 gene is localized to chromosome 21q22.3, which is the critical region for three diseases, progressive myoclonus epilepsy, autoimmune polyglandular disease type 1, and one form of bipolar affective disorder. The calculated molecular weight of U2AF35 is 28 kDa, but the modified U2AF35 protein is about 35-40 kDa.

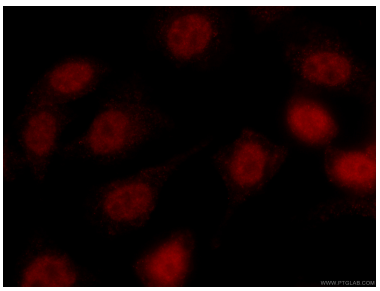
Storage

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

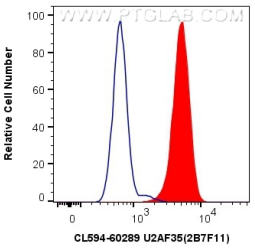
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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 HepG2 cells using CL594-60289 (U2AF35 antibody) at dilution of 1:100.



1X10^6 Ramos cells were intracellularly stained with 0.8 ug CoraLite®594 Anti-Human U2AF35 (CL594-60289, Clone:2B7F11) (red), or 0.8 ug Isotype Control. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).