

CoraLite®647-conjugated U2AF35 Monoclonal antibody

Catalog Number: CL650-60289

Basic Information

Catalog Number: CL650-60289	GenBank Accession Number: BC001923	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/mL by Nanodrop;	GeneID (NCBI): 7307	CloneNo.: 2B7F11
Source: Mouse	Full Name: U2 small nuclear RNA auxiliary factor 1	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Isotype: IgG2c	Calculated MW: 28 kDa	
Immunogen Catalog Number: AG0399	Observed MW: 35-40 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human, mouse, rat

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 0.09% sodium azide.
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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