

For Research Use Only

CoraLite®594-conjugated DBR1 Monoclonal antibody



Catalog Number:CL594-66951

Featured Product

Basic Information

Catalog Number: CL594-66951	GenBank Accession Number: BC009472	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 51163	CloneNo.: 3B5A7
Source: Mouse	Full Name: debranching enzyme homolog 1 (S. cerevisiae)	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG2b	Calculated MW: 544 aa, 62 kDa	Excitation/Emission maxima wavelengths: 593 nm / 614 nm
Immunogen Catalog Number: AG8830	Observed MW: 70-80 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : A431 cells,
Species Specificity: Human, Mouse, Rat, Pig	

Background Information

DBR1(Lariat debranching enzyme) hydrolyzes 2-prime-to-5-prime branched phosphodiester bonds at the branch point of excised lariat intron RNA and converts them into linear molecules. DBR1 belongs to the lariat debranching enzyme family. Inhibition of Dbr1 can suppress TDP-43 toxicity in primary neurons, suggesting that Dbr1 could be a potential therapeutic target for ALS and related TDP-43 proteinopathies (PMID: 23104007). This protein has 2 isoforms produced by alternative splicing.

Storage

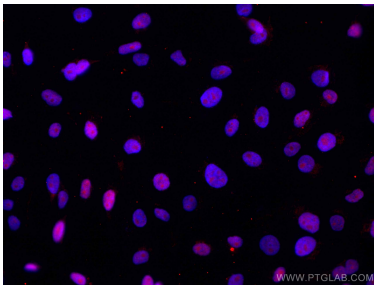
Storage:
Store at -20°C. Avoid exposure to light.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
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
A431 cells using CoraLite®594 DBR1 antibody
(CL594-66951, Clone: 3B5A7) at dilution of 1:200.