

For Research Use Only

CoraLite® Plus 488-conjugated ELAVL4 Monoclonal antibody



Catalog Number:CL488-67835

Basic Information

Catalog Number: CL488-67835	GenBank Accession Number: BC036071	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 1996	CloneNo.: 1B1F5
Source: Mouse	Full Name: ELAV (embryonic lethal, abnormal vision, Drosophila)-like 4 (Hu antigen D)	Excitation/Emission maxima wavelengths:
Isotype: IgG2b	Calculated MW: 380 aa, 42 kDa	
Immunogen Catalog Number: AG3678	Observed MW: 32-40 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
Human, rat, mouse, rabbit, pig

Background Information

ELAVL4, also named as HuD, is a 380 amino acid protein. The full name is neuronal embryonic lethal altered visual system-like(ELAVL) RNA-binding protein. ELAVL4 is expressed in brain and localized in the nucleus. PC12 cells expressing T7±HuD were treated with thio-specific (BMH) or amine-specific (DSS) chemical crosslinking reagents, and the resultant crosslinked complexes in the cell extracts were analyzed by immunoblotting with anti-T7 antibody. In addition to the monomeric HuD of 41 kDa, three specific crosslinked complexes could be detected using either of the crosslinkers. Two of the complexes had molecular masses of ~80 and 120 kDa, and were likely to be the dimer and trimer of HuD, respectively. (PMID: 12384599)

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.

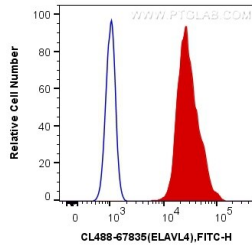
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

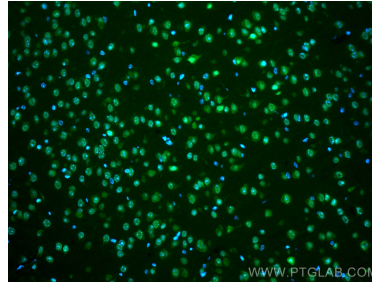
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ U2OS cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human ELAVL4 (CL488-67835, Clone:1B1F5) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CoraLite® Plus 488 ELAVL4 antibody (CL488-67835, Clone: 1B1F5) at dilution of 1:200.