CoraLite® Plus 488-conjugated TDP-43 Recombinant antibody



Catalog Number: CL488-80001

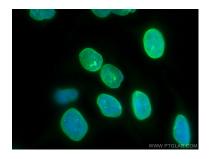
Featured Product

Basic Information	Catalog Number: CL488-80001	GenBank Accession Number: BC001487	Purification Method: Protein A purification
	Size: 1000 µg/ml	GenelD (NCBI): 23435	CloneNo.: 11N20
	Source: Rabbit	UNIPROT ID: Q13148	Recommended Dilutions: IF 1:50-1:500
	lsotype: IgG	Full Name: TAR DNA binding protein Calculated MW: 43 kDa Observed MW: 43 kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
	Immunogen Catalog Number: AG1231		
Applications	Tested Applications: FC (Intra), IF/ICC	Positive Controls:	
	Species Specificity: IF : HeLa cells, Human, mouse, rat IF : MeLa cells,		
	Human, mouse, rat		
Background Information	The TARDBP gene encodes the TDI TDP-43 has since been shown to b translational regulation and pre-n gene. In 2006 Neumann et al. four collectively known as pathologica and alpha-synuclein-negative froi Proteintech's 80001-1-RR is a rabb intact 43 kDa protein as well as al Various forms of TDP-43 exist, inc kDa glycosylated form, 75 kDa hy 19823856, 21666678, 22193176) I cancer (TNBC) and it may be a pot 80001-1-RR can be used in WB, IHO	ind RNA as well as DNA, and have mu nRNA splicing. For instance, it is repor id that hyperphosphorylated, ubiquiti al TDP-43, play a major role in the dis- ntotemporal dementia (FTLD-U) and in it recombinant TDP-43 antibody recog l posttranslationally modified and tru luding 18-35 kDa of cleaved C-termin perphosphorylated form, and 90-300 I Recently TDP-43 has been reported to ential target for TNBC diagnosis and c C, IHF. For the ICC (IF with cells) expe	gnizing N-terminal TDP-43. It recognizes the uncated forms in multiple applications. Ial fragments, 45-50 kDa phospho-protein, 55 (Da cross-linked form. (PMID: 17023659, be overexpressed in triple negative breast

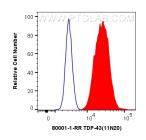
For technical support and original validation data for this product please contact:T: 4006900926E: Proteintech-CN@ptglab.comW: ptgcn.com

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 HeLa cells using CoraLite® Plus 488 TDP-43 antibody (CL488-80001, Clone: 11N20) at dilution of 1:200.



1X10^6 HeLa cells were intracellularly stained with 0.8 ug CoraLite® Plus 488 Anti-Human TDP-43 (CL488-80001, Clone:11N20) (red), or 0.8 ug Isotype Control. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).