

For Research Use Only

CoraLite® Plus 488-conjugated TFDP2 Recombinant antibody

Catalog Number: CL488-84408-4



Basic Information

Catalog Number: CL488-84408-4	GenBank Accession Number: BC021113	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 7029	CloneNo.: 241457A12
Source: Rabbit	UNIPROT ID: Q14188	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG	Full Name: transcription factor Dp-2 (E2F dimerization partner 2)	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG2054	Calculated MW: 446 aa, 49 kDa	

Applications

Tested Applications: IF/ICC, FC (Intra)	Positive Controls: IF/ICC : U2OS cells,
Species Specificity: human	

Background Information

TFDP2, also known as E2FDP2, is a coactivator of E2F factors and involves in EGF or IFN-gamma-mediated effects by enhancing or reducing active heterodimeric complexes. The DP2/E2F complex functions in the control of cell-cycle progression from G1 to S phase. The E2F1/DP complex appears to mediate both cell proliferation and apoptosis [PMID:16360038]. Binds DNA cooperatively with E2F family members through the E2 recognition site, 5'-TTTC[CG]CGC-3', found in the promoter region of several genes whose products are involved in cell cycle regulation or DNA replication [PMID:16721044].

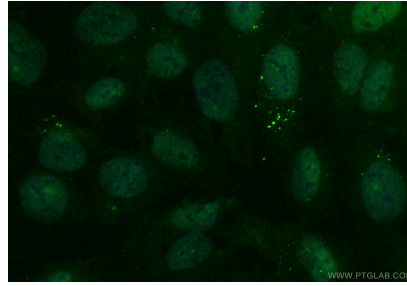
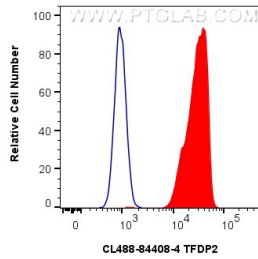
Storage

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



1×10^6 A431 cells were intracellularly stained with 0.4 μ g Coralite® Plus 488 Tfdp2 Recombinant Antibody (CL488-84408-4, Clone:241457A12)(red), or 0.4 μ g Coralite® Plus 488 Rabbit IgG Isotype Control Recombinant Antibody (CL488-98136, Clone: 240953C9) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).

Immunofluorescent analysis of (4% PFA) fixed U2OS cells using Coralite® Plus 488 TFDP2 antibody (CL488-84408-4, Clone: 241457A12) at dilution of 1:200.