

For Research Use Only

CoraLite® Plus 488-conjugated TAF12 Monoclonal antibody



Catalog Number:CL488-67621

Basic Information

Catalog Number: CL488-67621	GenBank Accession Number: BC011986	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 6883	CloneNo.: 4E12D2
Source: Mouse	Full Name: TAF12 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 20kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG1	Calculated MW: 18 kDa	
Immunogen Catalog Number: AG16597	Observed MW: 21 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
Human

Background Information

TAF12, also named TAF15 or TAF2J, is a TBP-associated factor that is contained in Pol I- and Pol II-specific TBP-TAF complexes, it is also a component of the transcription factor IID (TFIID) complex, which is essential for mediating regulation of RNA polymerase transcription. TAF12 plays a key role in regulating eukaryotic gene expression by directly binding promoters and enhancer-bound transactivator proteins. Likewise, TAF12 recruits Gadd45a and the nucleotide excision repair complex to the promoter of rRNA genes leading to active DNA demethylation

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.

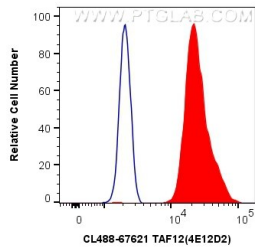
Aliquoting is unnecessary for -20°C storage

*** 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 HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human TAF12 (CL488-67621, Clone:4E12D2) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).