

For Research Use Only



CoraLite® Plus 488-conjugated TFAP2C/AP2 gamma Recombinant monoclonal antibody

Catalog Number:**CL488-86365**

Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL488-86365	BC035664	Protein A purification
Size:	GenID (NCBI):	CloneNo.:
100ul , Concentration: 1000 ug/ml by Nanodrop;	7022	250904E9
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	Q92754	IF/ICC: 1:50-1:500
Isotype:	Full Name:	Excitation/Emission maxima
IgG	transcription factor AP-2 gamma (activating enhancer binding protein 2 gamma)	wavelengths:
Immunogen Catalog Number:	Calculated MW:	493 nm / 522 nm
AG5648	49 kDa	
	Observed MW:	
	48-50 kDa	

Applications

Tested Applications:	Positive Controls:
IF/ICC	IF/ICC : MCF-7 cells,
Species Specificity:	
human	

Background Information

TFAP2C (Transcription Factor AP-2 Gamma) is a member of the AP-2 transcription factor family, which plays a crucial role in early embryonic development, specifically in regulating the development of trophoblast cells and maintaining pluripotency. TFAP2C is known to regulate transcription by opening enhancers and is associated with a set of enhancers present in human embryos. It also functions as a regulator of both inner cell mass and trophectoderm differentiation, and controls the expression of cell-polarity genes. This protein binds to specific DNA sequences to activate or repress target genes, making it a key player in cellular processes and a potential therapeutic target in oncology research.

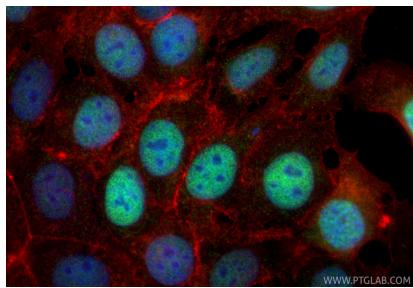
Storage

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, pH7.3
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



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using Coralite® Plus 488 TFAP2C/AP2 gamma antibody (CL488-86365, Clone: 250904E9) at dilution of 1:200, CL594-Phalloidin (red).