

For Research Use Only



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

Catalog Number: **CL488-86365**

Basic Information

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

Applications

Tested Applications: IF/ICC	Positive Controls: 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 trophoblast 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.

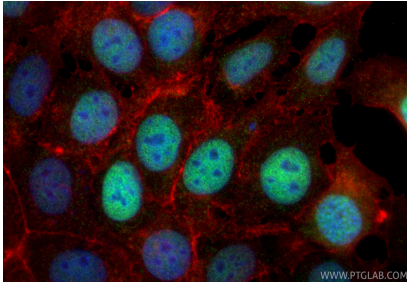
Storage

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:
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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).