

For Research Use Only

CoraLite® Plus 488-conjugated ZEB1 Recombinant monoclonal antibody

Catalog Number:CL488-85729



Basic Information

Catalog Number: CL488-85729	GenBank Accession Number: BC112392	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 6935	CloneNo.: 243139F8
Isotype: IgG	UNIPROT ID: P37275	Recommended Dilutions: IF/ICC: 1:50-1:500
Immunogen Catalog Number: AG16204	Full Name: zinc finger E-box binding homeobox 1	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
	Calculated MW: 1125 aa, 124 kDa	
	Observed MW: 190-210 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HEK-293 cells,
Species Specificity: human, mouse, rat	

Background Information

ZEB1(zinc-finger-enhancer binding protein 1), which is a member of the Zinc finger-Homeobox (ZFH) family of repressors, acts as a transcriptional repressor that inhibits interleukin-2 (IL-2) gene expression. Depending on the quantity of cDNA and on the cell type, ZEB1 can enhance or repress the promoter activity of the ATP1A1 gene. Represses E-cadherin promoter and induces an epithelial-mesenchymal transition (EMT) by recruiting SMARCA4/BRG1. Represses BCL6 transcription in the presence of the corepressor CTBP1. Positively regulates neuronal differentiation. The calculated molecular weight of ZEB1 is 124 kDa, but the post-phosphorylation of protein is about 190-210 kDa.

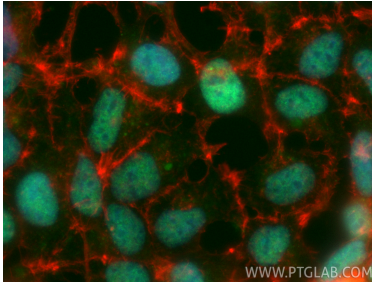
Storage

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 HEK-293 cells using CoraLite® Plus 488 ZEB1 antibody (CL488-85729, Clone: 243139F8) at dilution of 1:200, CL594-phalloidin (red).