

For Research Use Only

CoraLite® Plus 488-conjugated IKZF4 Recombinant antibody

Catalog Number:CL488-83471-5



Basic Information

Catalog Number: CL488-83471-5	GenBank Accession Number: BC160169	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 64375	CloneNo.: 240357D5
Source: Rabbit	UNIPROT ID: Q9H2S9	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG	Full Name: IKAROS family zinc finger 4 (Eos)	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG34767	Observed MW: 60 kDa	

Applications

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

Background Information

IKZF4 is a member of the Ikaros family transcription factors. The Ikaros family was originally designated to function in hematopoiesis, but it is only recently that studies have begun to show the relevance of this family in T helper cell differentiation. IKZF3 was preferentially expressed in TH17 cells and governs TH17 differentiation by silencing IL-2 expression. By investigating the dynamics of the TH17 regulatory network, IKZF4 was proposed by Yosef et al. as a composite in the negative regulatory module for TH17. (PMID: 24644282)

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

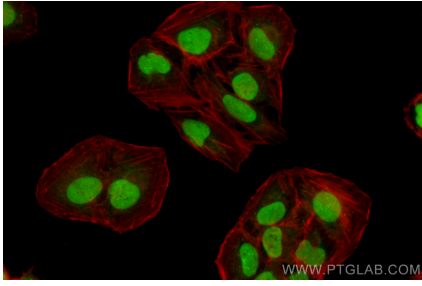
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
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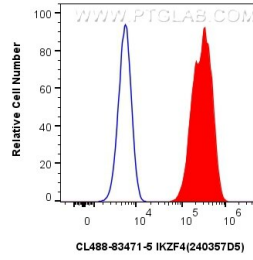
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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using CoraLite® Plus 488 IKZF4 antibody (CL488-83471-5, Clone: 240357D5) at dilution of 1:200.



1x10⁶ HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488-conjugated IKZF4 Recombinant antibody (CL488-83471-5, Clone:240357D5)(red), or 0.4 ug CoraLite® Plus 488-conjugated Rabbit IgG control Rabbit PolyAb (CL488-30000) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).