

For Research Use Only

CoraLite® Plus 488-conjugated FOXN1 Monoclonal antibody



Catalog Number:CL488-66337

Basic Information

Catalog Number: CL488-66337	GenBank Accession Number: BC146539	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 8456	CloneNo.: 1D8B12
Source: Mouse	UNIPROT ID: O15353	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG1	Full Name: forkhead box N1	
Immunogen Catalog Number: AG18207	Calculated MW: 648 aa, 69 kDa	
	Observed MW: 60 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human

Background Information

FOXN1, also named as Forkhead box protein N1, is a 648 amino acid protein, which contains 1 fork-head DNA-binding domain and localizes in the nucleus. FOXN1 as transcriptional regulator regulates the development, differentiation, and function of thymic epithelial cells (TECs) both in the prenatal and postnatal thymus. FOXN1 acts as a master regulator of the TECs lineage development and is required from the onset of differentiation in progenitor TECs in the developing fetus to the final differentiation steps through which TECs mature to acquire their full functionality.

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:

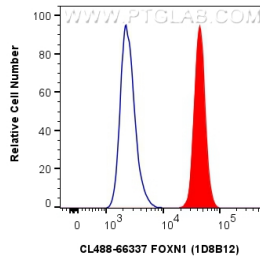
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ A549 cells were intracellularly stained with 0.8 ug CoraLite® Plus 488 Anti-Human FOXP1 (CL488-66337, Clone:1D8B12) (red), or 0.8 ug CoraLite® Plus 488 Mouse IgG1 Isotype Control (MOPC-21) (CL488-65124, Clone: MOPC-21) (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set.