

CoraLite® Plus 488-conjugated C9orf89 Recombinant monoclonal antibody

Catalog Number: **CL488-85357**

Basic Information

Catalog Number: CL488-85357	GenBank Accession Number: BC004500	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 84270	CloneNo.: 242638F7
Isotype: IgG	UNIPROT ID: Q96LW7	Recommended Dilutions: IF/ICC: 1:50-1:500
Immunogen Catalog Number: AG14084	Full Name: chromosome 9 open reading frame 89	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
	Calculated MW: 228 aa, 26 kDa	
	Observed MW: 15-21 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : A431 cells,
Species Specificity: human, mouse, rat	

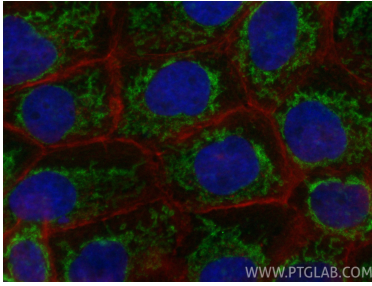
Background Information

C9orf89 (also known as CARD19 or BinCARD) is a mitochondria-localized protein that inhibits BCL10-induced NF- κ B activation mainly through its caspase recruitment structural domain (CARD). It plays a role in T cell receptor (TCR) signaling, but deletion of endogenous CARD19 has a lesser effect on Bcl10-dependent NF- κ B activation. In addition, C9orf89 is expressed in multiple cell types and is involved in the regulation of inflammatory and immune responses.

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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed A431 cells using CoraLite® Plus 488 C9orf89 antibody (CL488-85357, Clone: 242638F7) at dilution of 1:200, CL594-phalloidin (red).