

For Research Use Only

CoraLite® Plus 488-conjugated MIER2 Recombinant monoclonal antibody

Catalog Number:CL488-84216



Basic Information

Catalog Number: CL488-84216	GenBank Accession Number: BC028203	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 54531	CloneNo.: 241458D2
Isotype: IgG	UNIPROT ID: Q8N344	Recommended Dilutions: IF/ICC: 1:50-1:500
Immunogen Catalog Number: AG11491	Full Name: mesoderm induction early response 1, family member 2	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
	Calculated MW: 545 aa, 60 kDa	
	Observed MW: 60 kDa	

Applications

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

Background Information

Mesoderm induction early response 2 (MIER2) is a member of the MIER family of proteins, which is relatively conservative in evolution and includes three members: MIER1, MIER2, and MIER3. The MIER family is known to contribute to histone deacetylase (HDAC) activity and actively participate in histone deacetylation (PMID: 28046085; PMID: 38702028). In renal cell carcinoma, MIER2 represses PGC1A expression by recruiting HDAC1 to deacetylate P53 (PMID: 28046085).

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:

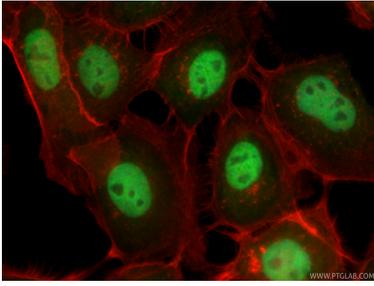
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed A431 cells using CoraLite® Plus 488 MIER2 antibody (CL488-84216, Clone: 241458D2) at dilution of 1:200, CL594-phalloidin (red).