

For Research Use Only

MIER2 Recombinant antibody

Catalog Number: 84216-1-RR



Basic Information

Catalog Number: 84216-1-RR	GenBank Accession Number: BC028203	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 54531	CloneNo.: 241458D2
Source: Rabbit	UNIPROT ID: Q8N344	Recommended Dilutions: WB 1:2000-1:10000 IF/ICC 1:200-1:800
Isotype: IgG	Full Name: mesoderm induction early response 1, family member 2	
Immunogen Catalog Number: AG11491	Calculated MW: 545 aa, 60 kDa	
	Observed MW: 60 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : U2OS cells, HEK-293 cells, Jurkat cells IF/ICC : A431 cells,

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

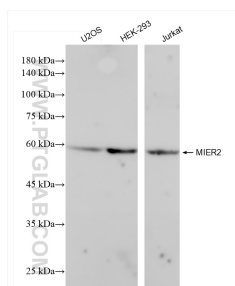
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

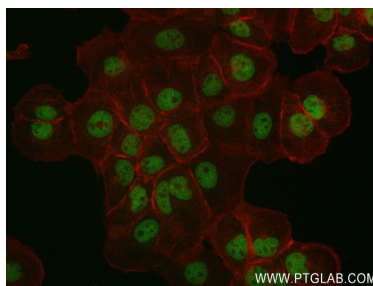
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84216-1-RR (MIER2 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using MIER2 antibody (84216-1-RR, Clone: 241458D2) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).