

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: 1000 µg/ml	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

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

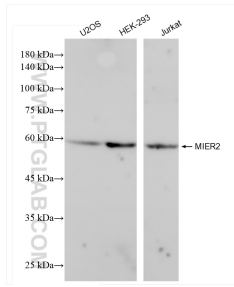
T: 4006900926

E: Proteintech-CN@ptglab.com

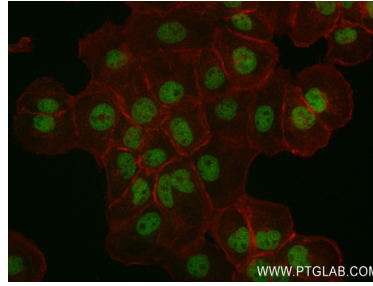
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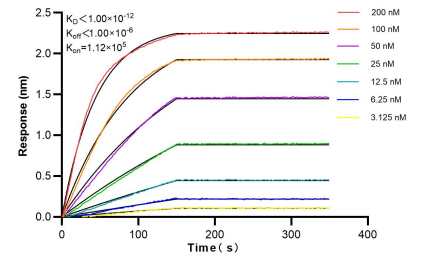
Selected Validation Data



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).



Biacore BLI kinetic assays of 84216-1-RR against Human MIER2 were performed. The affinity constant is below 1 pM.