

For Research Use Only

DDIT4L Recombinant monoclonal antibody

Catalog Number: 87486-1-RR



Basic Information

Catalog Number: 87486-1-RR	GenBank Accession Number: BC013592	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 115265	CloneNo.: 252832G4
Source: Rabbit	UNIPROT ID: Q96D03	Recommended Dilutions: WB: 1:1000-1:4000
Isotype: IgG	Full Name: DNA-damage-inducible transcript 4-like	
Immunogen Catalog Number: AG29616	Calculated MW: 193 aa, 22 kDa	
	Observed MW: 20 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse ovary tissue, Y79 cells, ARPE-19 cells, mouse skeletal muscle tissue
Species Specificity: human, mouse	

Background Information

DNA-damage-inducible transcript 4-like protein(DDIT4L), encoded by the stress responsive gene REDD2, is a negative regulator of mTOR signaling, and expressed predominantly in skeletal muscle. It regulates the TOR signaling pathway upstream of the TSC1-TSC2 complex and downstream of AKT1. Also, DDIT4L involves in oxidized low-density lipoprotein-induced macrophage death sensitivity.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

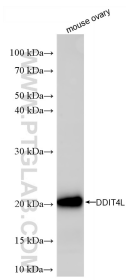
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

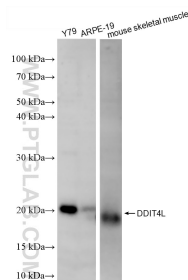
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W: ptglab.com

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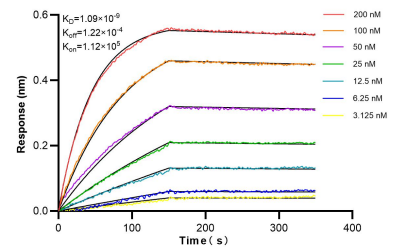
Selected Validation Data



mouse ovary tissue were subjected to SDS PAGE followed by western blot with 87486-1-RR (DDIT4L antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 87486-1-RR (DDIT4L antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Bilayer interferometry (BLI) kinetic assays of 87486-1-RR against Human DDIT4L were performed. The affinity constant is 1.09 nM.