

For Research Use Only

Mlkl Polyclonal antibody

Catalog Number: 30145-1-AP **1 Publications**



Basic Information

Catalog Number: 30145-1-AP	GenBank Accession Number: NM_001310613	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop;	GeneID (NCBI): 74568	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	UNIPROT ID: Q9D2Y4	
Isotype: IgG	Full Name: mixed lineage kinase domain-like	
Immunogen Catalog Number: AG32514	Calculated MW: 54kd	
	Observed MW: 54 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : 4T1 cells, NIH/3T3 cells
Cited Applications: WB	
Species Specificity: Mouse	
Cited Species: mouse	

Background Information

Mixed lineage kinase domain-like pseudokinase (Mlkl) belongs to the protein kinase superfamily and has two MW of 54 and 30 kDa. Mlkl plays a critical role in tumor necrosis factor (TNF)-induced necroptosis, a programmed cell death process, via interaction with receptor-interacting protein 3 (RIP3), which is a key signaling molecule in the necroptosis pathway. High levels of this protein and RIP3 are associated with inflammatory bowel disease in children.

Notable Publications

Author	Pubmed ID	Journal	Application
Hui Liu	38446465	FASEB J	WB

Storage

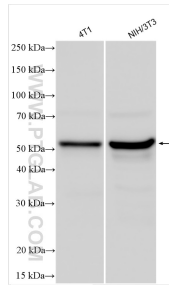
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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)
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W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30145-1-AP (Mkl antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.