

For Research Use Only

MLKL Recombinant monoclonal antibody

Catalog Number: 87741-1-RR



Basic Information

Catalog Number: 87741-1-RR	GenBank Accession Number: BC028141	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 197259	CloneNo.: 253011B11
Isotype: IgG	UNIPROT ID: Q8NB16	Recommended Dilutions: WB: 1:2000-1:10000
Immunogen Catalog Number: AG15188	Full Name: mixed lineage kinase domain-like	
	Calculated MW: 471 aa, 54 kDa	
	Observed MW: 55 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HeLa cells, HepG2 cells, PC-3 cells
Species Specificity: human	

Background Information

MLKL is a pseudokinase effector of necroptosis that becomes activated through RIPK3-mediated phosphorylation, leading to oligomerization and plasma membrane disruption. By executing necroptotic cell death and promoting release of inflammatory mediators, MLKL plays a central role in innate immunity, inflammatory pathology, and host defense. Dysregulation of MLKL-dependent necroptosis has been linked to inflammatory disorders, infection, and cancer-related immune responses.

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

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

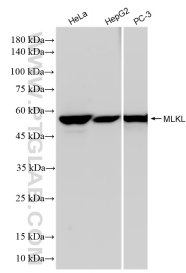
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87741-1-RR (MLKL antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.