

For Research Use Only

Phospho-MLKL (Ser358) Recombinant antibody

Catalog Number: 82090-2-RR



Basic Information

Catalog Number: 82090-2-RR	GenBank Accession Number: XM_005255834	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 197259	CloneNo.: 241469D2
Source: Rabbit	UNIPROT ID: Q8NB16	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: mixed lineage kinase domain-like	
	Calculated MW: 54 kDa	
	Observed MW: 54 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human

Positive Controls:
WB : TNF alpha and Calyculin A treated HT-29 cells,

Background Information

Mixed lineage kinase domain like pseudokinase (MLKL), belongs to the protein kinase superfamily. One common method for inducing necroptosis is by treating cells grown in culture with a mixture composed of TNF- α , a Smac-mimetic, that degrades cellular inhibitors of apoptosis (cIAPs) and the pancaspase inhibitor Z-VAD-FMK. This mixture is abbreviated as T/S/Z. It drives necrosome complex formation and RIPK3-dependent phosphorylation of Thr-357 and Ser-358 located within the C-terminal kinase-like domain of human MLKL (PMID: 28878015)

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.

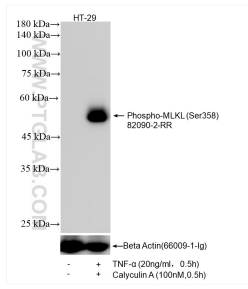
Aliquoting is unnecessary for -20°C storage

*** 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
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Selected Validation Data



Non-treated HT-29 cells, TNF alpha and Calyculin A treated HT-29 cells were subjected to SDS PAGE followed by western blot with 82090-2-RR (Phospho-MLKL (Ser358) antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with Beta Actin (66009-1-Ig) antibody as a loading control.