

For Research Use Only

Phospho-MLKL (Ser358) Recombinant antibody, PBS Only

Catalog Number: 82090-2-PBS



Basic Information

Catalog Number: 82090-2-PBS	GenBank Accession Number: XM_005255834	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 197259	CloneNo.: 241469D2
Source: Rabbit	UNIPROT ID: Q8NB16	
Isotype: IgG	Full Name: mixed lineage kinase domain-like	
	Calculated MW: 54 kDa	
	Observed MW: 54 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

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

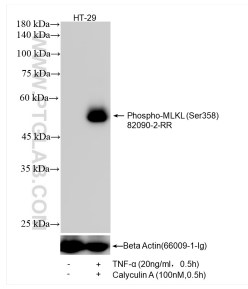
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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. This data was developed using the same antibody clone with 82090-2-PBS in a different storage buffer formulation.

