For Research Use Only

Phospho-MLKL (Ser358) Recombinant antibody, PBS Only

Catalog Number:82090-2-PBS

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Basic Information

Catalog Number:
82090-2-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
XM_005255834

GeneID (NCBI):
197259

UNIPROT ID:
Q8NB16

Full Name:
mixed lineage kinase domain-like

Calculated MW:
54 kDa

Observed MW:
54 kDa

Purification Method:
Protein A purfication

CloneNo.:
241469D2

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.
Storage Buffer:
PBS Only

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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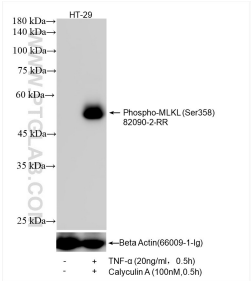
Selected Validation Data



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