

MLKL Rabbit mAb

Catalog No: #52425

Package Size: #52425-1 50ul #52425-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	MLKL Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S07-5G9
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human
Immunogen Description	Recombinant protein of human MLKL
Conjugates	Unconjugated
Modification	Unmodification
Other Names	hMLKL
Accession No.	Swiss-Prot:Q8NB16GeneID:197259
Uniprot	Q8NB16
GeneID	197259
Calculated MW	Calculated MW: 55 kDa; Observed MW: 55 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

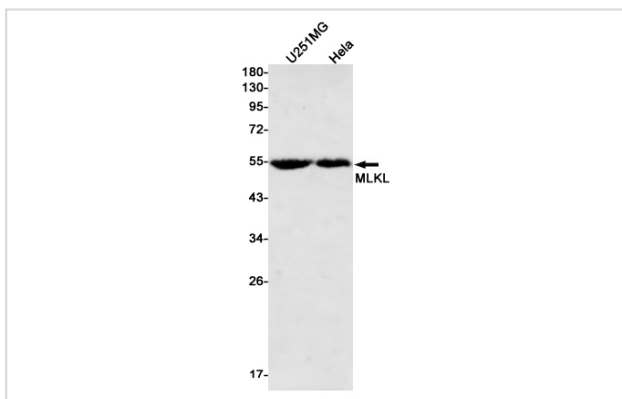
Application Details

WB: 1/1000

Images



Western blot detection of MLKL in HT-29 cell lysates using MLKL Rabbit mAb(1:1000 diluted). Predicted band size:55kDa. Observed band size:55kDa.



Western blot detection of MLKL in U251MG, HeLa cell lysates using MLKL Rabbit mAb (1:500 diluted). Predicted band size: 55 kDa. Observed band size: 55 kDa.

Background

Swiss-Prot Acc. Q8NB16. Pseudokinase that plays a key role in TNF-induced necroptosis, a programmed cell death process. Activated following phosphorylation by RIPK3, leading to homotrimerization, localization to the plasma membrane and execution of programmed necrosis characterized by calcium influx and plasma membrane damage. Does not have protein kinase activity (PubMed:22265413, PubMed:22265414, PubMed:22421439, PubMed:24316671). Binds to highly phosphorylated inositol phosphates such as inositolhexakisphosphate (InsP6) which is essential for its necroptotic function (PubMed:29883610).

Note: This product is for in vitro research use only