



MLKL Rabbit mAb

Catalog No	YP-rAb-17631
Isotype	IgG
Reactivity	Human,Mouse,Rat,Chicken
Applications	WB,IHC,IF,ELISA
Gene Name	MLKL
Protein Name	Mixed lineage kinase domain-like protein
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	IHC 1:1000-1:4000; WB 1:2000-1:10000; IF 1:200-1:1000; ELISA 1:5000-1:20000; Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15 ° C to -25 ° C/1 year(Do not lower than -25 ° C)
Synonyms	MLKL;Mixed lineage kinase domain-like protein;MLKL ; Mixed lineage kinase domain-like protein
Observed Band	55kD
Calculated Molecular Weight	55kD
Cell Pathway	Cytoplasm
Tissue Specificity	Chondrocyte,Leukocyte,Lymph node,
Function	Domain:The protein kinase domain is predicted to be catalytically inactive.,similarity:Belongs to the protein kinase superfamily.,similarity:Contains 1 protein kinase domain.,
Background	This gene belongs to the protein kinase superfamily. The encoded protein contains a protein kinase-like domain; however, is thought to be inactive because it lacks several residues required for activity. This protein plays a critical role in tumor necrosis factor (TNF)-induced necroptosis, a programmed cell death process, via interaction with receptor-interacting protein 3 (RIP3), which is a key signaling molecule in necroptosis pathway. Inhibitor studies and knockdown of this gene inhibited TNF-induced necrosis. High levels of this protein and RIP3 are associated with inflammatory bowel disease in children. Alternatively spliced



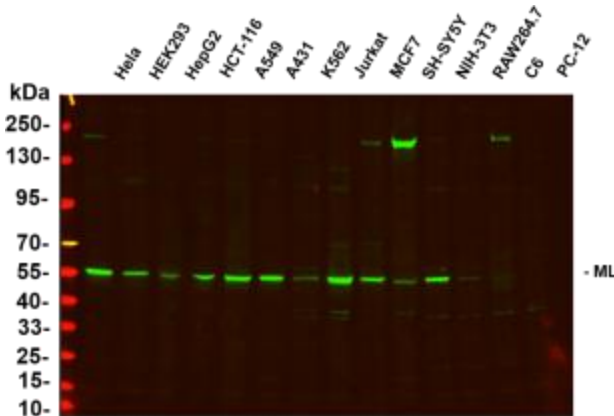
transcript variants have been described for this gene. [provided by RefSeq, Sep 2015],

matters needing attention

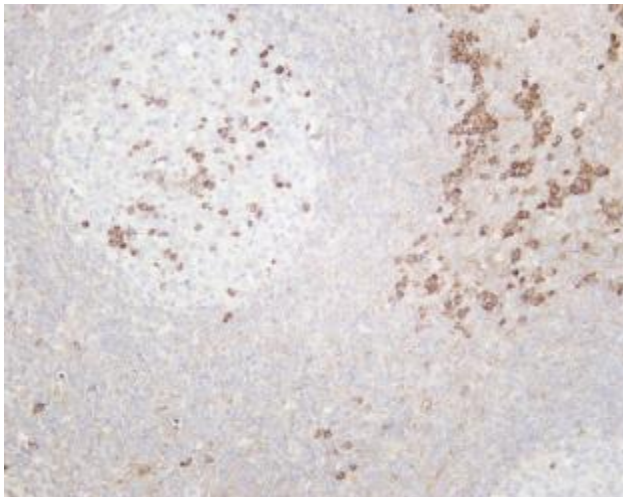
Avoid repeated freezing and thawing!

Usage suggestions

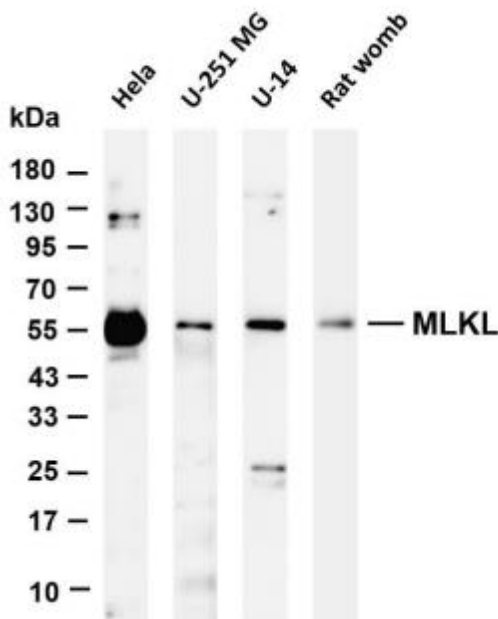
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the primary antibody was used at 4~C, over night with a 1:5000 dilution. The Dylight 800-conjugated Goat anti-Rabbit antibody



Human tonsil was stained with anti-MLKL rabbit antibody



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-MLKL antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: HeLa Lane 2: U-251 MG Lane 3: U-14 Lane 4: Rat womb Predicted band size: 55kDa Observed band size: 55kDa

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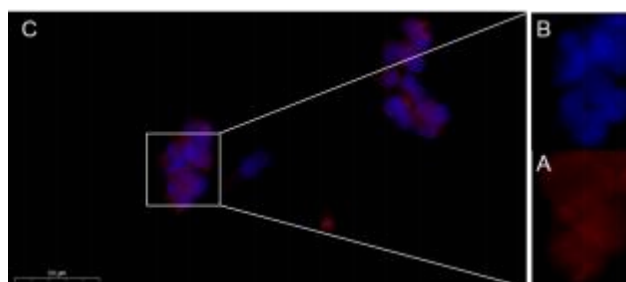
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Immunofluorescence analysis of HT-29 . Picture A: MLKL Rabbit mAb (red). Picture B: DAPI (blue). Picture C: Merge of A+B

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