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MLKL Rabbit mAb

Catalog No.: A21894 Recombinant 13 Publications

Basic Information

Observed MW

Calculated MW
54kDa

Category
Primary antibody

Applications
IHC-P,ELISA

Cross-Reactivity
Human, Mouse, Rat

CloneNo number
ARC2471

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.

Recommended Dilutions

IHC-P	1:50 - 1:200
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
197259

Swiss Prot
Q8NB16

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
hMLKL; MLKL

Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Product Information

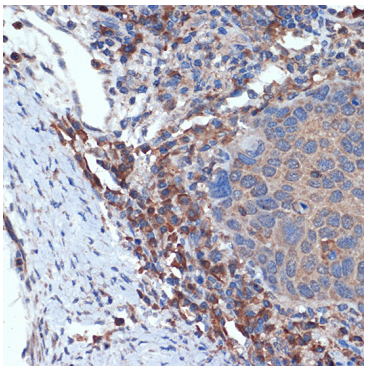
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃

Validation Data



Immunohistochemistry analysis of paraffin-embedded Human esophageal cancer using MLKL Rabbit mAb (A21894) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.