

# phospho-MLKL (S358) mouse Monoclonal Antibody(6B4)

## Description

Product type Primary Antibody

Code BT-MCA1025

Host Mouse

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen Synthetic Peptide of phospho-MLKL (S358)

Mol wt N/A

Species reactivity Human

Clonality Monoclonal

Recommended application IHC-p, IF

Concentration 1 mg/ml

Full name MLKL
Synonyms MLKL

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

## 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 Dilution**

IHC-p: 1:50-200 WB: 1:500 - 1:2000

Not yet tested in other applications.

#### Images



Immunohistochemical analysis of paraffin-embedded Human Colon Carcinoma Tissue using Phospho-MLKL S358 Mouse Monoclonal antibody diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Human Skin Tissue using Phospho-MLKL S358 Mouse Monoclonal antibody diluted at 1:200.

# Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com