

## 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.

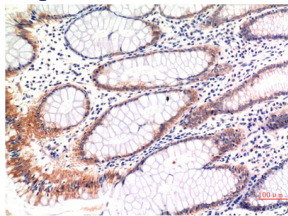
### Recommended Dilution

IHC-p: 1:50-200

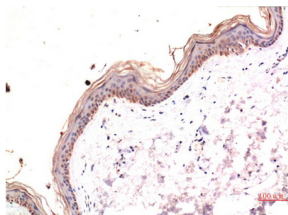
WB: 1:500 - 1:2000

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

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