





phospho-MLKL (S358) Mouse Monoclonal Antibody (6F8)

Cat #: ABM40324

Size: 30µl/100µl/200µl

Product Information

	Product Name: phospho-MLKL (S358) Mouse Monoclonal Antibody (6F8)		
	Applications: IF, IHC-P		Isotype: Mouse IgG1
	Reactivity: Human		
	Catalog Number: ABM40324		Lot Number: Refer to product label
	Formulation: Liquid		Concentration: 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		Note: Contain sodium azide.

Background: MLKL (mixed lineage kinase domain like) 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 MLKL 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 MLKL.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: IHC-P (1:100-1:200).

Storage Buffer: PBS containing 50% glycerol, 0.5% BSA and 0.02% Sodium Azide.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

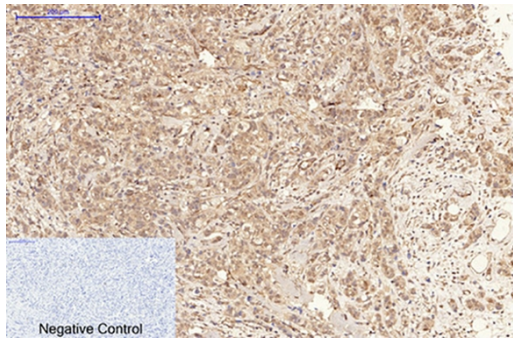


Fig.1 Immunohistochemical analysis of paraffin-embedded human breast cancer tissue. 1, phospho-MLKL (S358) Mouse Monoclonal Antibody (6F8) was diluted at 1:200 (4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min). 3, s

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