



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

Catalog No	YP-Ab-14260
Isotype	IgG
Reactivity	Human
Applications	IF;IHC
Gene Name	MLKL
Protein Name	MLKL
Immunogen	Synthetic Peptide of phospho-MLKL (S358)
Specificity	phospho-MLKL (S358) protein detects endogenous levels of MLKL
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Dilution	IF: 1:50-200 IHC 1:100-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	MLKL
Observed Band	54kD
Cell Pathway	Cytoplasm . Cell membrane . Nucleus . Localizes to the cytoplasm and translocates to the plasma membrane on necroptosis induction (PubMed:24316671). Localizes to the nucleus in response to orthomyxoviruses infection (By similarity). .
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],

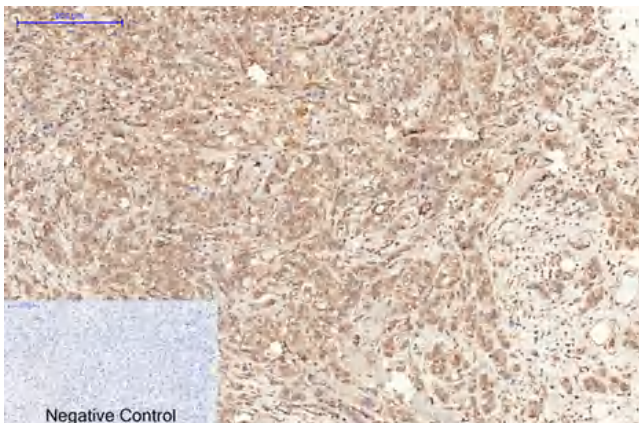
matters needing attention

Avoid repeated freezing and thawing!

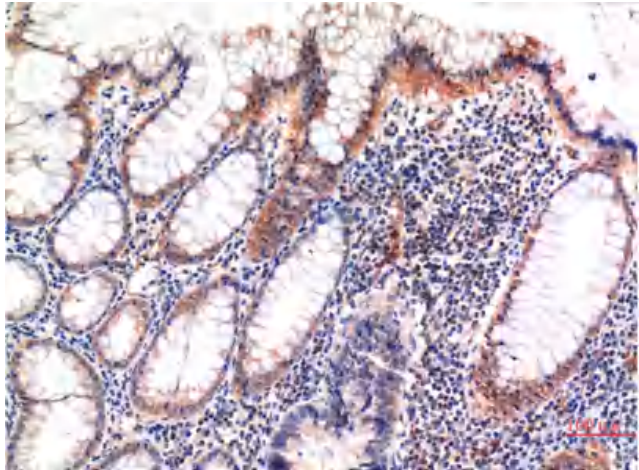
Usage suggestions

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

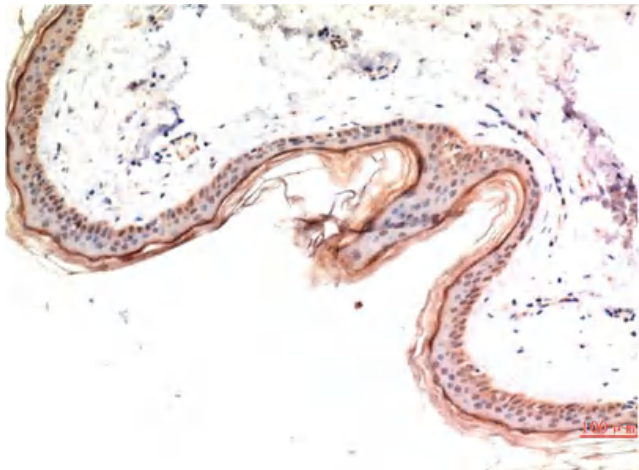
Products Images



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,Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.



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



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