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Datasheet for ABIN7212282
anti-MLKL antibody (pSer358)

1 Image

Overview

Quantity:	100 µL
Target:	MLKL
Binding Specificity:	pSer358
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MLKL antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Purpose:	phospho-MLKL (S358) Mouse Monoclonal Antibody (6F8)
Immunogen:	Synthetic Peptide of phospho-MLKL (S358)
Clone:	6F8
Isotype:	IgG1
Specificity:	Phospho-MLKL (S358) protein detects endogenous levels of MLKL.
Purification:	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen

Target Details

Target:	MLKL
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Target Details

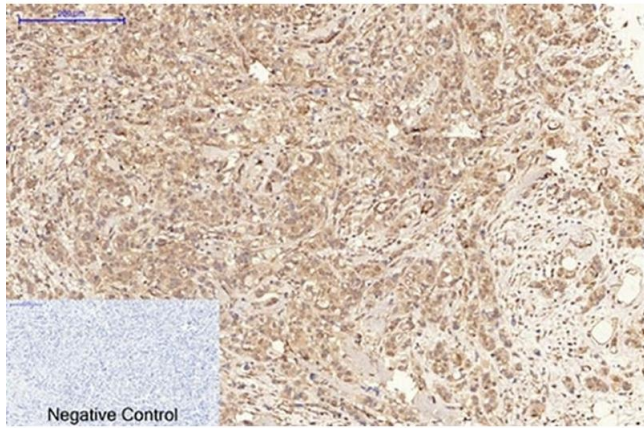
Alternative Name:	MLKL (MLKL Products)
Background:	Mouse Anti-phospho-MLKL (S358) Mouse Monoclonal Antibody (6F8),MLKL,MLKL (mixed lineage kinase domain like) belongs to the protein kinase superfamily. The encoded protein contains a protein kinase-like domain, however, is thought to be inactive because 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,MLKL
Molecular Weight:	observerd band 54kDa
Gene ID:	197259
UniProt:	Q8NB16

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: IHC-P (1:100-1:200).
Comment:	Primary Antibody
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS containing 50 % Glycerol, 0.5 % BSA and 0.02 % Sodium Azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	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.



Immunohistochemistry

Image 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, 20 min). 3, secondary antibody was diluted at 1:200 (room temperature, 30 min). Negative control was used by secondary antibody only.