

## Rabbit anti-Human, Mouse MLKL Polyclonal Antibody | anti-MLKL antibody

Phospho-MLKL (Ser345) Antibody

|                               |                       |                                   |                                                    |
|-------------------------------|-----------------------|-----------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA329240</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry</b> |
|-------------------------------|-----------------------|-----------------------------------|----------------------------------------------------|

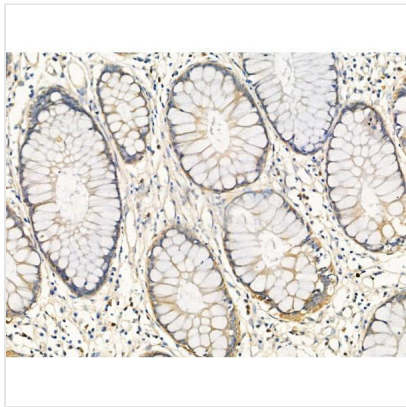
### PRODUCT SYNONYMS

MLKL; Polyclonal Antibody; Phospho-MLKL (Ser345) Antibody; anti-MLKL antibody

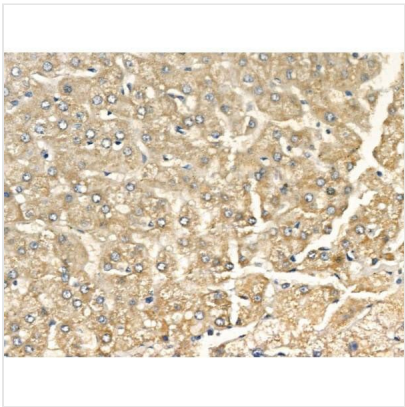
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                         |
| Reactivity                                     | Human, Mouse                                                                                                                                                   |
| Clonality                                      | Polyclonal                                                                                                                                                     |
| Isotype                                        | Rabbit IgG                                                                                                                                                     |
| Specificity                                    | Phospho-MLKL (Ser345) Antibody detects endogenous levels of MLKL only when phosphorylated at Ser345.                                                           |
| Purity/Purification                            | The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns. |
| Form/Format                                    | Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                       |
| Concentration                                  | 1mg/ml (varies by lot)                                                                                                                                         |
| Applicable Applications for anti-MLKL antibody | ELISA (Peptide ELISA), IHC (Immunohistochemistry)                                                                                                              |
| Immunogen                                      | A synthesized peptide derived from human MLKL around the phosphorylation site of Ser345.                                                                       |
| Conjugation                                    | Unconjugated                                                                                                                                                   |
| Fragment                                       | Fab fragment                                                                                                                                                   |
| Preparation and Storage                        | Store at -20 degree C. Stable for 12 months from date of receipt.                                                                                              |

IMAGES



**IHC (Immunohiostchemistry)**  
Staining Human colorectal cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



**IHC (Immunohistochemistry)**  
At 1/100 staining Human liver cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.

NCBI AND UNIPROT INFORMATION

|                                  |                                          |
|----------------------------------|------------------------------------------|
| NCBI GI #                        | 110626037                                |
| NCBI GeneID                      | 74568                                    |
| NCBI Accession #                 | NP_083281.1                              |
| NCBI GenBank Nucleotide #        | NM_029005.2                              |
| UniProt Accession #              | Q9D2Y4; Q8CIJ5                           |
| Molecular Weight                 | 53,375 Da                                |
| NCBI Official Full Name          | mixed lineage kinase domain-like protein |
| NCBI Official Synonym Full Names | mixed lineage kinase domain-like         |
| NCBI Official Symbol             | MLKL                                     |
| NCBI Official Synonym Symbols    | 9130019I15Rik                            |
| NCBI Protein Information         | mixed lineage kinase domain-like protein |
| UniProt Protein Name             | Mixed lineage kinase domain-like protein |
| UniProt Gene Name                | MLKL                                     |
| UniProt Entry Name               | MLKL_MOUSE                               |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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