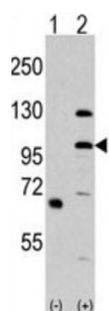
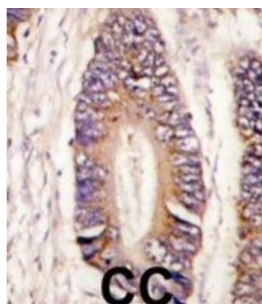


## Mixed Lineage Kinase 4 (MLK4) Antibody

Catalogue No.: abx033812



Mixed-lineage kinases (MLKs) function as mitogen-activated protein kinase kinase kinases (MAP3Ks), activating the p38 and JNK signaling cascades. Systematic mutational analyses of tyrosine kinases reveal that a minimum of 30% of colorectal cancer contain at least one mutation in the tyrosine kinases; sampling of colorectal cancer cells suggest an important role of MLK4 in this process.

**Target:** Mixed Lineage Kinase 4 (MLK4)

**Clonality:** Polyclonal

**Reactivity:** Human

**Tested Applications:** ELISA, WB, IHC

**Host:** Rabbit

**Recommended dilutions:** WB: 1/1000, IHC-P: 1/10 - 1/50. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.

**Conjugation:** Unconjugated

**Immunogen:** KLH-conjugated synthetic peptide between 33-62 amino acids from the N-terminal region of human MLK4.

**Isotype:** IgG

# Datasheet

Version: 3.0.0  
Revision date: 17 Oct 2025



|                            |                                                                                                                                            |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Form:</b>               | Liquid                                                                                                                                     |
| <b>Purification:</b>       | Purified through a protein A column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.    |
| <b>Storage:</b>            | Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.                                                                             |
| <b>UniProt Primary AC:</b> | Q5TCX8 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )                                                                                |
| <b>KEGG:</b>               | hsa:84451                                                                                                                                  |
| <b>String:</b>             | <a href="#">9606.ENSP00000355583</a>                                                                                                       |
| <b>Molecular Weight:</b>   | Calculated MW: 114 kDa                                                                                                                     |
| <b>Buffer:</b>             | PBS containing 0.09% sodium azide.                                                                                                         |
| <b>Specificity:</b>        | Predicted to react with Mouse MAP3K21.                                                                                                     |
| <b>Note:</b>               | THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION. |

For Reference Only