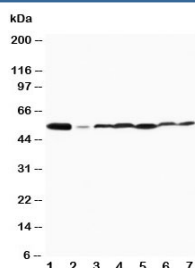


## MAPK8/9 Antibody (R30478)

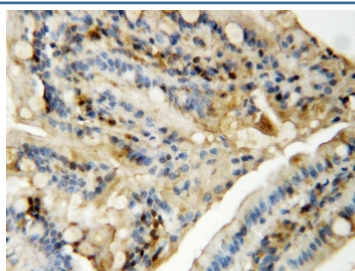
Catalog No.	Formulation	Size
R30478	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

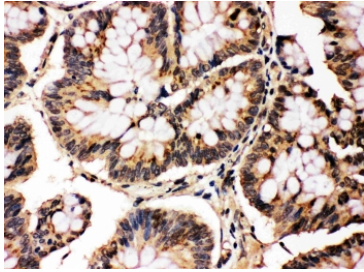
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
<b>UniProt</b>	P45983
<b>Applications</b>	Western Blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml
<b>Limitations</b>	This MAPK8/9 antibody is available for research use only.



Western blot testing of MAPK8/9 antibody and Lane 1: rat brain; 2: rat thymus and human 3: MCF-7; 4: HeLa; 5: Jurkat; 6: MM231; 7: CEM cell lysate.



IHC-P: MAPK8/9 antibody testing of rat intestine tissue. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.



IHC testing of FFPE human intestinal cancer with MAPK8/9 antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.

## Description

Mitogen-activated protein kinase 8 is an enzyme that in humans is encoded by the MAPK8 gene. The protein encoded by this gene is a member of the MAP kinase family. The International Radiation Hybrid Mapping Consortium mapped the MAPK8 gene to chromosome 10. The single long open reading frame encodes a putative protein kinase with a predicted mass of 44.2 kD. This kinase play a key role in T cell proliferation, apoptosis and differentiation.

## Application Notes

The stated application concentrations are suggested starting amounts. Titration of the MAPK8/9 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

An amino acid sequence from the middle region of human MAPK8/9 (EREHTIEEWKELIYKEVMDL) was used as the immunogen for this MAPK8/9 antibody (100% homologous in human, mouse and rat).

## Storage

After reconstitution, the MAPK8/9 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.