

## MKK6(Phospho-Ser207) Antibody

Catalog No: #11146

Package Size: #11146-1 50ul #11146-2 100ul

Orders: order@signalwayantibody.com

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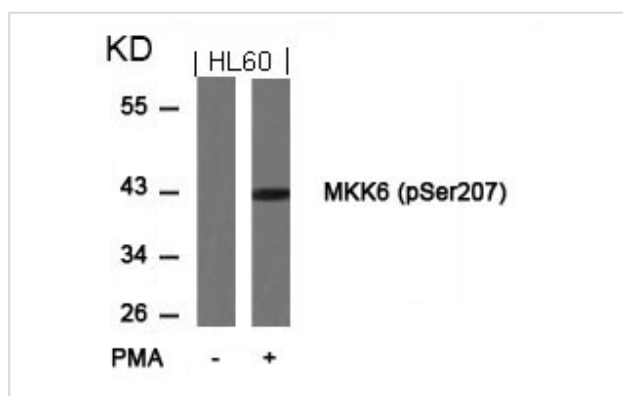
## Description

Product Name	MKK6(Phospho-Ser207) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB IHC IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of MKK6 only when phosphorylated at serine207.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 207 (V-D-S(p)-V-A) derived from Human MKK6.
Target Name	MKK6
Modification	Phospho
Other Names	MAP kinase kinase 6; MAP2K6; MAPK/ERK kinase 6; MAPKK 6; MEK6
Accession No.	Swiss-Prot: P52564NCBI Protein: NP_002749.2
Uniprot	P52564
GeneID	5608;
Calculated MW	37kD
Concentration	1.0mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

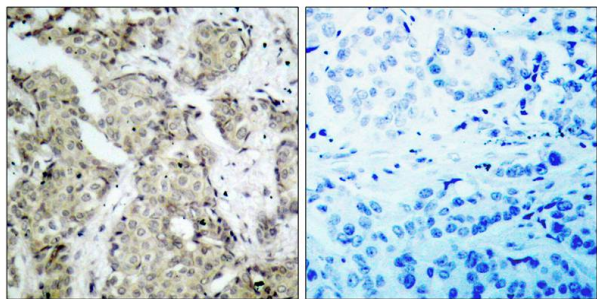
## Application Details

WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:50-200

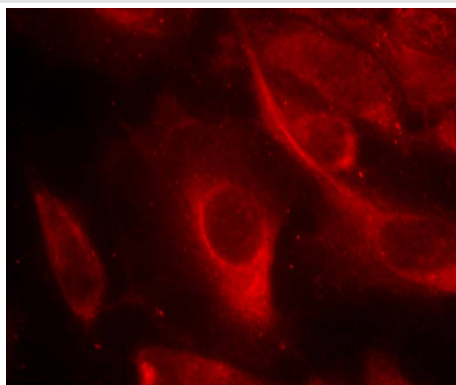
## Images



Western blot analysis of extracts from HL60 cells untreated or treated with PMA using MKK6(Phospho-Ser207) Antibody #11146.



Immunohistochemical analysis of paraffin- embedded human breast carcinoma tissue using MKK6(Phospho-Ser207) Antibody #11146(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed HeLa cells showing cytoplasmic staining using MKK6(Phospho-Ser207) Antibody #11146.

## Background

This gene encodes a member of the dual specificity protein kinase family, which functions as a mitogen-activated protein (MAP) kinase kinase. MAP kinases, also known as extracellular signal-regulated kinases (ERKs), act as an integration point for multiple biochemical signals. This protein phosphorylates and activates p38 MAP kinase in response to inflammatory cytokines or environmental stress. As an essential component of p38 MAP kinase mediated signal transduction pathway, this gene is involved in many cellular processes such as stress induced cell cycle arrest, transcription activation and apoptosis. [provided by RefSeq, Jul 2008],

Note: This product is for in vitro research use only