



MAP3K3 Recombinant Monoclonal Antibody

Product Code	CSB-RA013425A0HU
Abbreviation	Mitogen-activated protein kinase kinase kinase 3
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q99759
Immunogen	A synthesized peptide derived from human MAP3K3
Species Reactivity	Human
Tested Applications	ELISA
Relevance	Component of a protein kinase signal transduction cascade. Mediates activation of the NF-kappa-B, AP1 and DDIT3 transcriptional regulators.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Affinity-chromatography
Isotype	Rabbit IgG
Clonality	Monoclonal
Alias	Mitogen-activated protein kinase kinase kinase 3, MAPK/ERK kinase kinase 3, MEK kinase 3, MEKK 3, MAP3K3, MAPKKK3, MEKK3
Immunogen Species	Homo sapiens (Human)
Research Area	Signal Transduction
Gene Names	MAP3K3
Clone No.	2H11

Description

Immunize an animal with a human MAP3K3-derived peptide to stimulate an immune response. Isolate B cells from the immunized animal and fuse them with myeloma cells, creating hybridoma cells. Screen and select a single hybridoma cell clone that produces the desired MAP3K3-specific antibodies. Extract RNA from the selected hybridoma cells. Use reverse transcription PCR techniques to amplify and isolate the gene sequence coding for the MAP3K3 antibody's heavy and light chains. Insert the isolated MAP3K3 antibody genes into an expression vector, which is transfected into a host system for expression. Purify the MAP3K3 recombinant monoclonal antibodies using affinity chromatography from the cell culture supernatant. Confirm binding specificity and affinity of the recombinant monoclonal MAP3K3 antibody using ELISA. This antibody recognizes human MAP3K3 protein.