SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[Primary Antibody]

Recombinant Rabbit Anti-MAPK9 Monoclonal Antibody

Catalog Number: SLA0775M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Mouse
Clonality:	Monoclonal
Clone No.:	6D4
SWISS:	P45984
Target:	MAPK9
Immunogen:	Synthesized peptide derived from human JNK2
Purification:	Affinity-chromatography using specific immunogen.
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human,Mouse,Rat
Predicted MW.:	48 kDa
Background:	The protein encoded by this gene is a member of the MAP kinase family. MAP kinases act as an integration point for multiple biochemical signals , and are involved in a wide variety of cellular processes such as proliferation , differentiation , transcription regulation and development. This kinase targets specific transcription factors , and thus mediates immediate-early gene expression in response to various cell stimuli. It is most closely related to MAPK8 , both of which are involved in UV radiation induced apoptosis , thought to be related to the cytochrome c-mediated cell death pathway. This gene and MAPK8 are also known as c-Jun N-terminal kinases. This kinase blocks the ubiquitination of tumor suppressor p53 , and thus it increases the stability of p53 in nonstressed cells. Studies of this gene's counterpart suggest a key role in T-cell differentiation. Several alternative

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.