

Mouse anti-MAP3K1, clone EBS-T-008 (Monoclonal)

Clone no. EBS-T-008

MONOSAN

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Product name	Mouse anti-MAP3K1, clone EBS-T-008 (Monoclonal)
Host	Mouse
Applications	ELISA, FC, IHC-fr, IHC-P, IF, WB
Species reactivity	human
Conjugate	-
Immunogen	partial recombinant MAP3K1 (aa1211-1310)
Isotype	IgG2a-K
Clonality	Monoclonal
Clone number	EBS-T-008
Size	100 ug
Concentration	100 ug/ml
Format	-
Storage buffer	PBS with 0.02% sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

MAPKs are involved in directing cellular responses to a diverse array of potentially harmful stimuli, such as mitogens, osmotic stress, heat shock, proinflammatory cytokines, but also growth factors (mammals). Possibly located exclusively in the cell nucleus, they regulate cell functions including proliferation, gene expression, differentiation, mitosis, cell survival, and apoptosis. In order to become active, they require usually multiple phosphorylation events in their activation loops, including phosphorylation by MAP2 kinases (Ste-7 kinases), which in turn are phosphorylated by the MAP3 kinase family, of which many are located at the cell membrane. Thus through this pathway, stimuli can effectively be conveyed from the cell membrane to the nucleus. Inactivation of MAPKs takes place by several phosphatases, including dedicated phosphatases.

**References**

1. Guan, KL. et al, Cell. Signal. 6: 581-589 (1994)
2. -
3. -
4. -
5. -

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