

Product datasheet for **AM31024PU-N**

SAPK4 (MAPK13) Mouse Monoclonal Antibody [Clone ID: 1E11]

Product data:

Product Type:	Primary Antibodies
Clone Name:	1E11
Applications:	ELISA, IF, IHC, WB
Recommended Dilution:	ELISA. Immunofluorescence: 10 µg/ml. Immunohistochemistry on Paraffin Sections: 5 µg/ml. Western Blot.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	MAPK13 antibody was raised against recombinant protein
Specificity:	This antibody reacts to MAPK13 / SAPK4.
Formulation:	PBS, pH 7.2 State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	mitogen-activated protein kinase 13
Database Link:	Entrez Gene 5603 Human O15264



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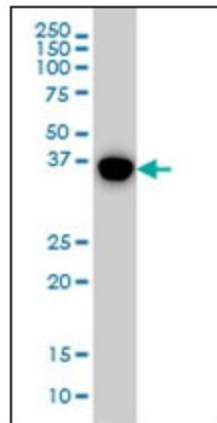
Background: MAP kinase p38 delta, a MAPK type protein kinase, is an environmental stress- and inflammatory cytokine-induced kinase that is associated with the regulation of gene expression and cell proliferation. p38delta is phosphorylated by MEK3/MAP2K3 or MKK6/MAP2K6. Activated p38delta has been shown to phosphorylate ATF2, eEF2K, MBP and PHAS-1.

Synonyms: Mitogen-activated protein kinase 13, Stress-activated protein kinase 4, p38 delta, PRKM13, SAPK4

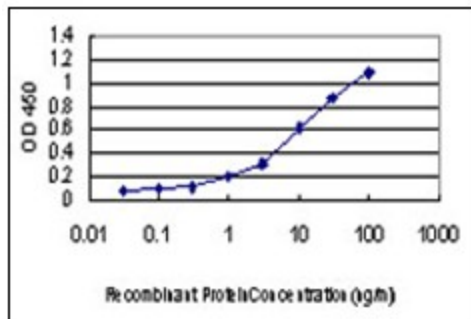
Protein Families: Druggable Genome, Protein Kinase

Protein Pathways: Amyotrophic lateral sclerosis (ALS), Epithelial cell signaling in Helicobacter pylori infection, Fc epsilon RI signaling pathway, GnRH signaling pathway, Leukocyte transendothelial migration, MAPK signaling pathway, Neurotrophin signaling pathway, NOD-like receptor signaling pathway, Progesterone-mediated oocyte maturation, RIG-I-like receptor signaling pathway, T cell receptor signaling pathway, Toll-like receptor signaling pathway, VEGF signaling pathway

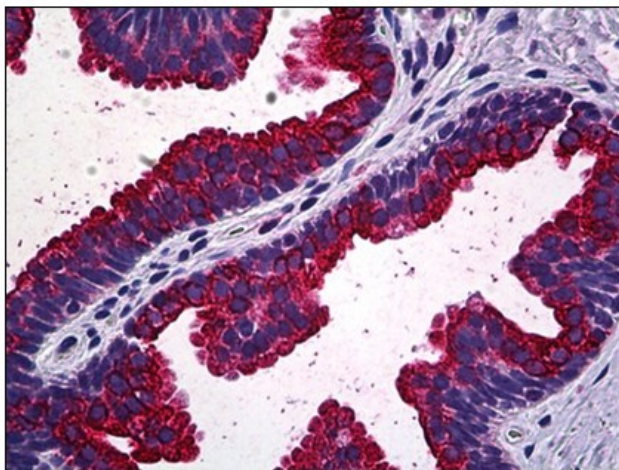
Product images:



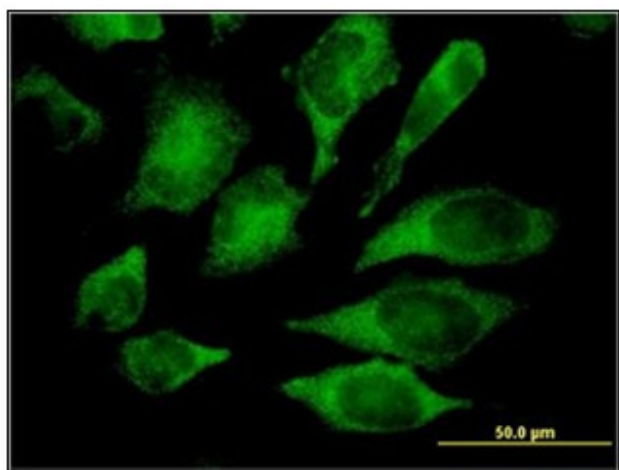
MAPK13 monoclonal antibody clone 1E11
Western Blot analysis of MAPK13 expression in A-549.



Detection limit for recombinant GST tagged MAPK13 is approximately 0.3ng/ml as a capture antibody.



Human Prostate: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunofluorescence of monoclonal antibody to MAPK13 on HeLa cell. [antibody concentration 10 ug/ml]