

Product datasheet for **AM00082PU-N**

JNK1 (MAPK8) (pT-G/P-pY Motif) (incl. pos. control) Mouse Monoclonal Antibody [Clone ID: 9H8]

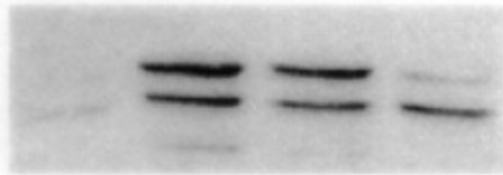
Product data:

Product Type:	Primary Antibodies
Clone Name:	9H8
Applications:	ELISA, IHC, IP, WB
Recommended Dilution:	<u>Western Blot</u> : 0.5 µg/ml for HRPO/ECL detection. Recommended blocking buffer: Casein/Tween 20 based blocking and blot incubation buffer. Positive Control: Cell lysate from sorbit-treated A431 cells. <u>ELISA</u> : 0.05 µg/ml. <u>Immunoprecipitation</u> : 1 - 10 µg per 10e6 pervanadate-treated A431 cells. <u>Immunohistochemistry on frozen sections</u> .
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Synthetic peptide conjugated to KLH.
Specificity:	This antibody specifically interacts with the Thr - Gly/Pro - pTyr motif of activated, monophosphorylated SAPK1/2 kinases. The antibody accepts the dually phosphorylated site as well (pThr - Gly/Pro - pTyr) and does not interact with the non-phosphorylated form of the protein. Mab SAPK1/2-9H8 shows no crossreaction with activated MAP Kinases 1 or 2.
Formulation:	1 ml 2 x PBS / 0.1 % Na-azide / PEG and Sucrose State: Purified State: Lyophilized purified IgG
Reconstitution Method:	Restore with 1 ml H ₂ O (15 min, RT).
Purification:	Size exclusion chromatography
Conjugation:	Unconjugated
Storage:	Store lyophilized (preferably in a desiccator) at -20°C and reconstituted (aliquote and freeze in liquid nitrogen) at -80°C. Avoid repeated freezing and thawing. Thaw aliquots at 37°C. Thawed aliquots may be stored at 4°C up to 3 months.



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Stability:	Shelf life: one year from despatch.
Gene Name:	mitogen-activated protein kinase 8
Database Link:	Entrez Gene 5599 Human P45983
Background:	Stress-activated Protein Kinases (SAPKs) are strongly activated in response to adverse stimuli such as heat and osmotic shock, UV light and other DNA-damaging reagents, and inhibitors of protein synthesis. They are also activated strongly in response to agonists that are released or produced under conditions of stress, such as proinflammatory cytokines.
Synonyms:	Mitogen-activated protein kinase 8, c-Jun N-terminal kinase 1, JNK-46, JNK-1, PRKM8

Product images:

Immunoblot Analysis Jurkat cells were cultured under serum-free conditions for 48h and subsequently were either unstimulated (lane 1) or stimulated with 300mM sorbit (lane 2), 1mM arsenite (lane 3) or 1mM pervanadate (lane 4). The cell lysates were separated by SDS-PAGE and transferred to a PVDF membrane. The immunoblot was probed with mab SAPK1/2-9H8 at 0.5ug/ml for 1h at 15-22°C and developed by ECL.