



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### MAPK8 (phospho Thr183/Tyr185) recombinant monoclonal antibody, clone R02-0F1

**Catalog Number:** RAB01784

**Regulatory Status:** For research use only (RUO)

**Product Description:** Rabbit recombinant monoclonal antibody raised against human MAPK8.

**Clone Name:** R02-0F1

**Immunogen:** Original antibody is raised against a synthetic phosphopeptide corresponding to residues surrounding Thr183/Tyr185 of human MAPK8.

**Theoretical MW (kDa):** Calculated MW: 48 kD

**Antibody Species:** Rabbit

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product  
page for detailed protocols

**Form:** Liquid

**Purification:** Affinity purification

**Isotype:** IgG

**Recommend Usage:** Immunoprecipitation (1/20)  
Western Blot (1/500-1/1000)  
The optimal working dilution should be determined by  
the end user.

**Storage Buffer:** In 50 mM Tris-Glycine pH 7.4 (0.15 M  
NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05%  
BSA)

**Storage Instruction:** Store at -20 °C.  
Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 5599

**Gene Symbol:** MAPK8

**Gene Alias:** JNK, JNK1, JNK1A2, JNK21B1/2, PRKM8,  
SAPK1

**Gene Summary:** 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 is activated by various cell stimuli, and targets specific transcription factors, and thus mediates immediate-early gene expression in response to cell stimuli. The activation of this kinase by tumor-necrosis factor alpha (TNF-alpha) is found to be required for TNF-alpha induced apoptosis. This kinase is also involved in UV radiation induced apoptosis, which is thought to be related to cytochrom c-mediated cell death pathway. Studies of the mouse counterpart of this gene suggested that this kinase play a key role in T cell proliferation, apoptosis and differentiation. Four alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq]