

Allgemeine Informationen

Katalog-Nr.: 24164-1-AP	GenBank-Zugangsnummer: BC130572	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 450 µg/ml von Nanodrop und 287 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 5599	Empfohlene Verdünnungen: WB 1:2000-1:16000 IHC 1:50-1:500 IF 1:200-1:800
Wirt: Kaninchen	Vollständiger Name: mitogen-activated protein kinase 8	
Isotyp: IgG	Berechnete Masse: 48 kDa	
Immunogen Katalognummer: AG21426	Beobachtete Masse: 40 kDa, 48 kDa	

Anwendungen

Geprüfte Anwendungen: IF, IHC, WB, ELISA	Positivkontrollen:
In Publikationen genannte Anwendungen: IF, IHC, WB	WB : A431-Zellen, HEK-293-Zellen, HeLa-Zellen, Jurkat-Zellen, Maushirngewebe, Neuro-2a-Zellen, NIH/3T3-Zellen, Rattenhirngewebe
Getestete Reaktivität: Human, Maus	IHC : humanes Kolonkarzinomgewebe, humanes Magenkrebsgewebe
Zitierte Arten: Hausschwein, Human, Maus, Ratte	IF : Jurkat-Zellen,
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

MAPK8(Mitogen-activated protein kinase 8) is also named as JNK1, PRKM8, SAPK1, SAPK1C and belongs to the MAP kinase subfamily. MAPK8 is activated by dual phosphorylation at a Thr-Pro-Tyr motif during response to UV light. MAPK8 functions to phosphorylate c-Jun at N-terminal serine regulatory sites of Ser-63 and Ser-73, mapping within the transactivation domain. Phosphorylation of these sites in response to UV results in transcriptional activation of c-Jun. It has some isoforms produced by alternative splicing with the molecular weight of 46 kDa and 48 kDa. This protein can be phosphorylated and this antibody recognizes the 46 kDa and 55 kDa bands in western blot(PMID:11062067).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Fudi Lin	31547097	Mar Drugs	WB
Zhiwei Wang	30248660	Thromb Res	WB
Minjing Li	31546831	Biomolecules	WB

Lagerung

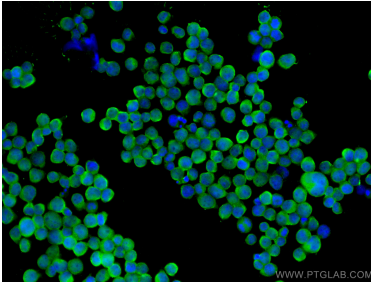
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
 Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

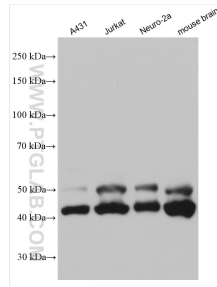
For technical support and original validation data for this product please contact:
 T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
 E: proteintech@ptglab.com
 W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

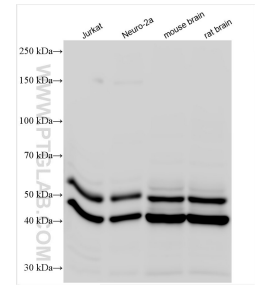
Ausgewählte Validierungsdaten



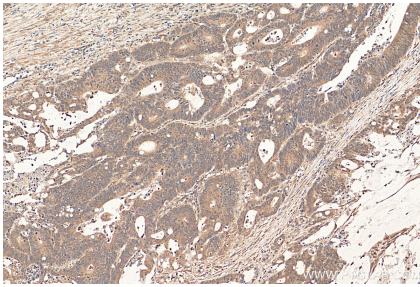
Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using JNK antibody (24164-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



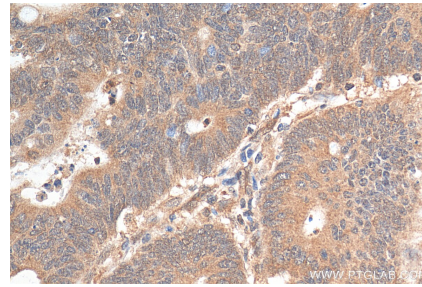
Various lysates were subjected to SDS PAGE followed by western blot with 24164-1-AP (JNK antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 24164-1-AP (JNK antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 24164-1-AP (JNK antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 24164-1-AP (JNK antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).