

Allgemeine Informationen

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|--|--|---|
| Katalog-Nr.: 66210-1-Ig | GenBank-Zugangsnummer: BC130572 | Reinigungsmethode: Protein-A-Reinigung |
| Größe: 150ul, Konzentration: 1500 µg/ml von5599 Nanodrop und 800 µg/ml durch die Bradford-Methode mit BSA als Standard; | GeneID (NCBI): 5599 | CloneNo.: 1A12E1 |
| Wirt: Maus | Vollständiger Name: mitogen-activated protein kinase 8 | Empfohlene Verdünnungen: WB 1:3000-1:20000 IHC 1:500-1:2000 IF 1:20-1:200 |
| Isotyp: IgG1 | Berechnete Masse: 48 kDa | |
| Immunogen Katalognummer: AG21426 | Beobachtete Masse: 44-48 kDa, 50-55 kDa | |

Anwendungen

Geprüfte Anwendungen:

FC, IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Hausschwein, Human, Kaninchen, Maus, Ratte

Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : HeLa-Zellen, 4T1-Zellen, C6-Zellen, HEK-293-Zellen, HepG2-Zellen, Jurkat-Zellen, K-562-Zellen, LNCaP-Zellen, Mit Etacrynsäure behandelte HeLa-Zellen, NIH/3T3-Zellen, RAW 264.7-Zellen

IHC : humanes Lungenkarzinomgewebe, humanes Prostatakarzinomgewebe

IF : HeLa-Zellen,

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 |
|--------------|-----------|---------------------|-----------|
| Weiche Wu | 30273672 | Free Radic Biol Med | WB |
| Liping Wang | 34559939 | IUBMB Life | WB |
| Qingling Xie | 36106411 | FEBS Open Bio | 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

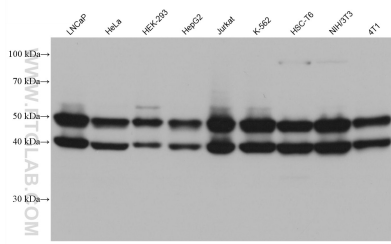
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

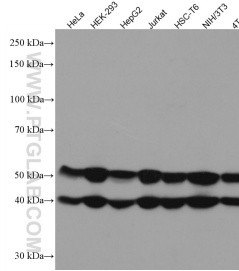
E: proteintech@ptglab.com
W: ptglab.com

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

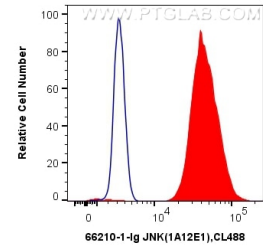
Ausgewählte Validierungsdaten



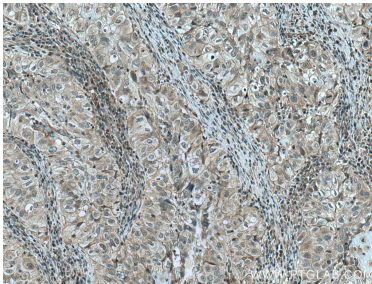
Various lysates were subjected to SDS PAGE followed by western blot with 66210-1-Ig (JNK antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



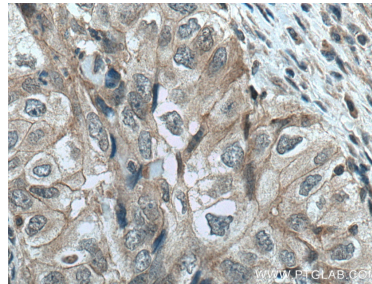
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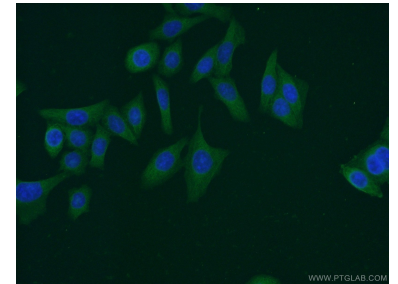
1X10⁶ HeLa cells were intracellularly stained with 0.5 ug Anti-Human JNK (66210-1-Ig, Clone:1A12E1) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.5 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 66210-1-Ig (JNK antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 66210-1-Ig (JNK antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HeLa cells using 66210-1-Ig (JNK antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG (H+L).