

Nur für Forschungszwecke

p38 MAPK Monoklonaler Antikörper



Katalog-Nr.:66234-1-Ig

Vorgestelltes Produkt

42 Publikationen

Allgemeine Informationen

Katalog-Nr.: 66234-1-Ig	GenBank-Zugangsnummer: BC031574	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul , Konzentration: 2400 µg/ml von1432 Nanodrop und 1333 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 1432	CloneNo.: 1A1C2
Wirt: Maus	Vollständiger Name: mitogen-activated protein kinase 14	Empfohlene Verdünnungen: WB 1:2000-1:6000 IHC 1:250-1:1000
Isotyp: IgG2b	Berechnete Masse: 360 aa, 41 kDa	
Immunogen Katalognummer: AG5797	Beobachtete Masse: 38-42 kDa	

Anwendungen

Geprüfte Anwendungen: IHC, WB, ELISA	Positivkontrollen: WB : HeLa-Zellen, Hausschwein-Herzgewebe, HEK-293-Zellen, humanes Herzgewebe, Jurkat-Zellen, K-562-Zellen, MCF-7-Zellen, RAW 264.7-Zellen
In Publikationen genannte Anwendungen: IHC, WB	IHC : humanes Lungenkarzinomgewebe, humanes Gliomgewebe
Getestete Reaktivität: Hausschwein, Human	
Zitierte Arten: Hausschwein, Human, Maus, Ratte	
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

MAPK14(mitogen-activated protein kinase 14) is also named as SAPK2A, p38MAPK, CSBP1, RK, p38, EXIP, Mxi2, CSBP2, PRKM14, PRKM15, CSPB1, p38ALPHA and belongs to the MAP kinase subfamily. MAPK14-signaling is a central pathway for the integration of instructive signals in dendritic cells for T(H)17 differentiation and inflammation(PMID:22231518). It plays an important role in the regulation of hematopoietic stem cell self-renewal in vitro and inhibition of MAPK14 activation with a small molecule inhibitor may represent a novel approach to promote ex vivo expansion of hematopoietic stem cell(PMID:21198398). This protein has 4 isoforms produced by alternative splicing.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Ting Tang	33173989	Mol Med Rep	WB,IHC
Weiche Wu	30273672	Free Radic Biol Med	WB
Hongfei Zhou	36115171	Phytomedicine	WB

Lagerung

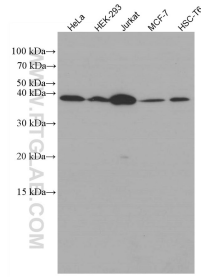
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

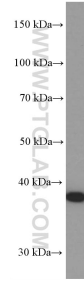
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

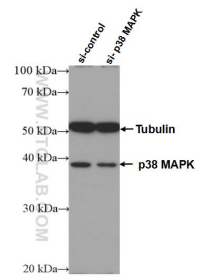
Ausgewählte Validierungsdaten



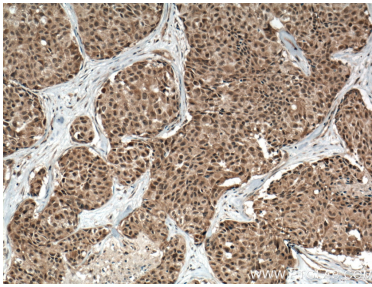
Various lysates were subjected to SDS PAGE followed by western blot with 66234-1-Ig (p38 MAPK antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



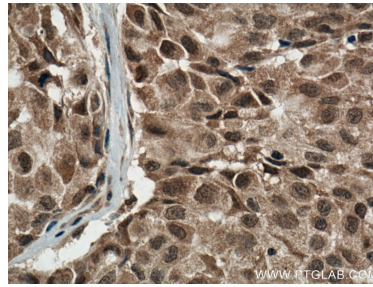
human heart tissue were subjected to SDS PAGE followed by western blot with 66234-1-Ig (p38 MAPK Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



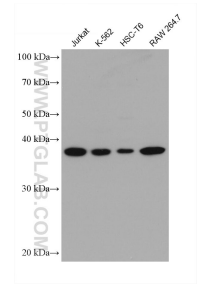
WB result of p38 MAPK antibody (66234-1-Ig; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-p38 MAPK transfected HEK-293 cells.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 66234-1-Ig (p38 MAPK antibody) at dilution of 1:500 (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 66234-1-Ig (p38 MAPK antibody) at dilution of 1:500 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 66234-1-Ig (p38 MAPK antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.