

Anti-p38 MAPK14 Rabbit Monoclonal Antibody

Catalog Number: M00176

About MAPK14

C3 plays a central role in the activation of the complement system. Its processing by C3 convertase is the central reaction in both classical and alternative complement pathways. After activation C3b can bind covalently, via its reactive thioester, to cell surface carbohydrates or immune aggregates.

Overview

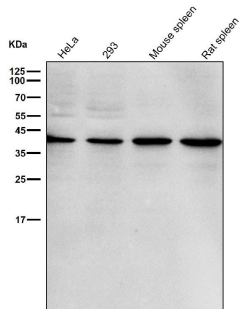
Product Name	Anti-p38 MAPK14 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-p38 MAPK14 Rabbit Monoclonal Antibody catalog # M00176. Tested in WB, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IP, IF, ICC, WB
Clonality	Monoclonal DFG-13
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q16539

Technical Details

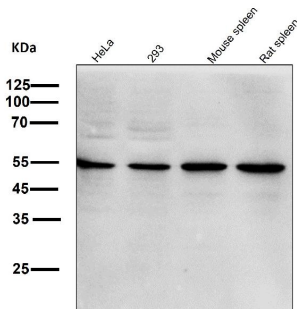
Immunogen	A synthesized peptide derived from human p38
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used:

	WB 1:500-1:2000 ICC/IF 1:100-1:500 IF 1:100 FC 1:150
--	--

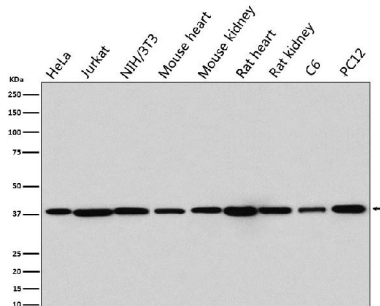
Anti-p38 MAPK14 Rabbit Monoclonal Antibody (M00176) Images



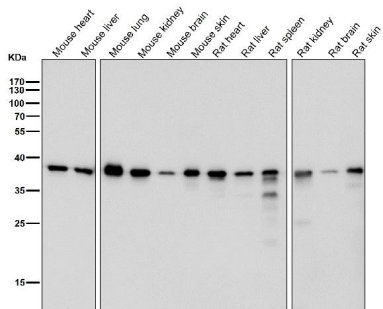
All lanes use the Antibody at 1:3K dilution for 1 hour at room temperature.



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

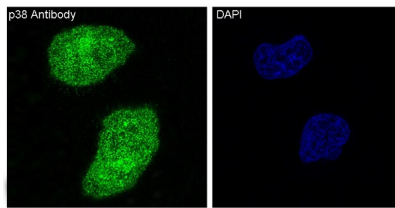
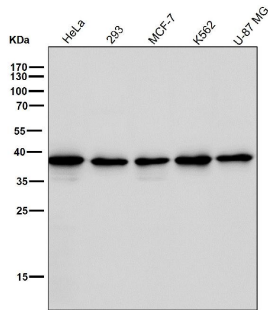


Western blot analysis of p38 MAPK expression in (1) HeLa cell lysate; (2) Jurkat cell lysate; (3) NIH/3T3 cell lysate; (4) Mouse heart lysate; (5) Mouse kidney lysate; (6) Rat heart lysate; (7) Rat kidney lysate; (8) C6 cell lysate; (9) PC12 cell lysate.

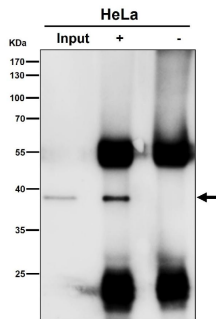


All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



Immunofluorescent analysis of HeLa cells, using p38 MAPK Antibody.



Immunoprecipitate (IP) analysis using the Antibody at 1:50 dilution. (wb at 1:3K dilution)

6 Publications Citing This Product

1. PubMed ID: 10.3892/mmr.2019.10785, Placental growth factor gene silencing mitigates the epithelial-to-mesenchymal transition via the p38 MAPK pathway in rats with hyperoxia-induced lung injury
2. PubMed ID: 31611791, Wei X,Zhu Q,Liu N,Xu L,Wei S,Fan Z,Sun C,Zhao Y,Qiao M,Wu J,Hu D,Wang Y,Sun P.Neuroprotective Effects and Mechanisms of Zhenlong Xingnao Capsule in In Vivo and In Vitro Models of Hypoxia.Front Pharmacol.2019 Sep 26;10:1096.doi:10.3389/fphar.2019.01096.PMID:31611791;PMCID:PMC6775503.
3. PubMed ID: 32794226, Ma G,Kimatu BM,Yang W,Pei F,Zhao L,Du H,Su A,Hu Q,Xiao H.Preparation of newly identified polysaccharide from Pleurotus eryngii and its anti-inflammation activities potential.J Food Sci.2020 Sep;85(9):2822-2831. doi:10.1111/1750-3841.15375.Epub 2020 Aug 14

Visit bosterbio.com/anti-p38-rabbit-monoclonal-antibody-m00176-boster.html to see all 6 publications.

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.

