

Anti-p38 MAPK14 Rabbit Monoclonal Antibody

Catalog Number: M00176-2

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

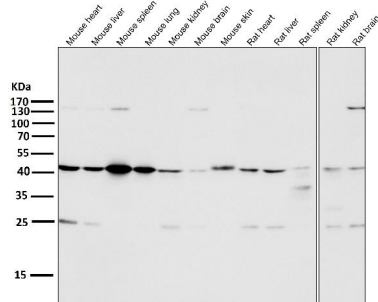
Product Name	Anti-p38 MAPK14 Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-p38 MAPK14 Rabbit Monoclonal Antibody catalog # M00176-2. Tested in WB, ICC/IF, IP, Flow Cytometry, ChIP applications. This antibody reacts with Human, Mouse, Rat.
Application	ChIP, Flow Cytometry, IP, IF, ICC, WB
Clonality	Monoclonal BHE-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

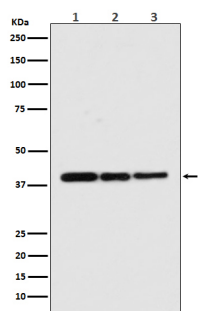
Immunogen	A synthesized peptide derived from human p38
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations 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 1:50-1:200 IP 1:50 FC 1:30 ChIP 1:50
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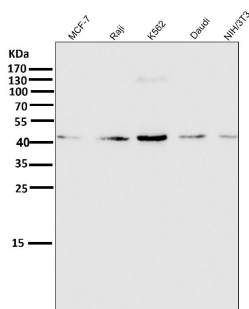
Anti-p38 MAPK14 Rabbit Monoclonal Antibody (M00176-2) Images



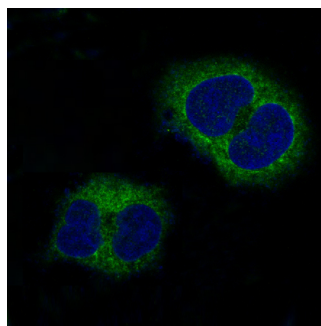
All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



Western blot analysis of p38 MAPK expression in (1) HeLa cell lysate; (2) NIH/3T3 cell lysate; (3) PC-12 cell lysate.

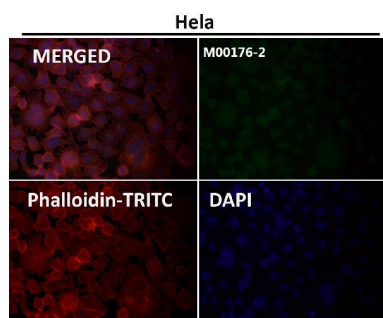


All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



Immunofluorescent analysis of HeLa cells, using p38 MAPK Antibody .

Immunofluorescent analysis using the Antibody at 1:50 dilution.



4 Publications Citing This Product

1. 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.
2. 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
3. PubMed ID: 29048616, Liao S, Xiao S, Chen H, Zhang M, Chen Z, Long Y, Gao L, He J, Ge Y, Yi W, Wu M, Li G, Zhou Y. *Int J Oncol*. 2017 Nov;51(5):1497-1507. doi: 10.3892/ijo.2017.4137. Epub 2017 Sep 27. The receptor for activated protein kinase C promotes cell growth, in...

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