

Product Datasheet

p38 alpha Antibody (9F12) - BSA Free NB110-96875

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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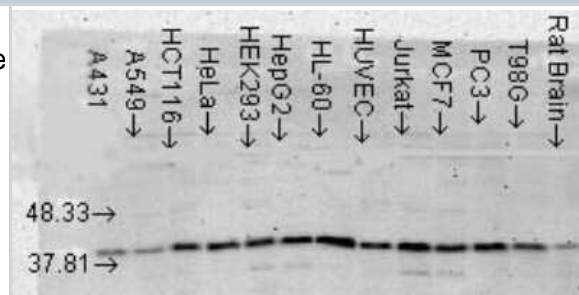
NB110-96875

p38 alpha Antibody (9F12) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	9F12
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS, 50% Glycerol
Product Description	
Host	Mouse
Gene ID	1432
Gene Symbol	MAPK14
Species	Human, Mouse, Rat
Specificity/Sensitivity	Detects approx 38kDa.
Immunogen	Full length recombinant protein expressed in E.coli cells
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Microarray, Proximity Ligation Assay
Recommended Dilutions	Western Blot 1:1000, ELISA, Immunohistochemistry 1:1000, Immunoprecipitation, Immunohistochemistry-Paraffin 1:1000, Proximity Ligation Assay, Microarray
Application Notes	Detects approx 38kDa protein corresponding to p38a MAPK when loaded with 6 ng of purified p38a by chemiluminescent immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary Antibody. Use in Proximity ligation assay reported in scientific literature (PMID: 30987646).

Images

Western Blot: p38 alpha Antibody (9F12) [NB110-96875] - analysis of Human Cell lysates showing detection of p38 MAPK protein using Mouse Anti-p38 MAPK Monoclonal Antibody, Clone 9F12 . Load: 15 ug protein. Block: 1.5% BSA for 30 minutes at RT. Primary Antibody: Mouse Anti-p38 MAPK Monoclonal Antibody at 1:1000 for 2 hours at RT. Secondary Antibody: Sheep Anti-Mouse IgG: HRP for 1 hour at RT.



Immunohistochemistry: p38 alpha Antibody (9F12) [NB110-96875] - Immunohistochemistry analysis using Mouse Anti-p38 alpha Monoclonal Antibody, Clone 9F12 (NB110-96875). Tissue: colon carcinoma. Species: Human. Fixation: Formalin. Primary Antibody: Mouse Anti-p38 alpha Monoclonal Antibody (NB110-96875) at 1:10000 for 12 hours at 4C. Secondary Antibody: Biotin Goat Anti-Mouse at 1:2000 for 1 hour at RT. Counterstain: Mayer Hematoxylin (purple/blue) nuclear stain at 200 l for 2 minutes at RT. Magnification: 40x.



Publications

SchnOder L, Gasparoni G, NordstrOm K et al. Neuronal deficiency of p38 alpha-MAPK ameliorates symptoms and pathology of APP or Tau-transgenic Alzheimer's mouse models *FASEB J.* 2020-05-31 [PMID: 32475008] (Mouse)

Koch, SR;Choi, H;Mace, EH;Stark, RJ; Toll-like receptor 3-mediated inflammation by p38 is enhanced by endothelial nitric oxide synthase knockdown *Cell Commun. Signal* 2019-04-15 [PMID: 30987646] (PLA, Human)



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Products Related to NB110-96875

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NB100-56665PEP	p38 alpha Antibody Blocking Peptide

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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