

AB-NK120-4

p38 alpha (MAPK14) Antibody

Pan-specific monoclonal antibody (9F12) for monitoring the expression of human protein-serine/threonine kinase p38 alpha (MAP Kinase)



KINEXUS

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Target Protein

Name Long:	Mitogen-activated protein-serine kinase p38 alpha; Mitogen-activated protein kinase 14
Alias:	CRK1; CSAID binding protein; CSBP; CSBP1; CSBP2; CSPB1; Cytokine suppressive anti-inflammatory drug binding protein; Kinase p38-alpha; MAPK14; PRKM15; p38a MAPK; SAPK2A; Mxi2; CCDS4815.1; ENSG00000112062
UniProt ID:	Q16539 - Human
Human Predicted Mass (KDa):	41.493 (360 AA; Q16539-2); 41.293 (360 AA; Q16539); 35.453 (307 AA; Q16539-4); 34.092 (297 AA; Q16539-3); 29.388 (256 AA; Q16539-5)
Observed SDS-PAGE Mass (KDa):	38-43

Immunogen

Antibody Immunogen Source:	Full length recombinant protein expressed in E. coli cells
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Production

Antibody Host Species:	Mouse
Antibody Type:	Monoclonal
Antibody Ig Isotype Clone Lot:	166 IgG1
Antibody Purification:	Protein G purified
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline pH 7.4, 50% glycerol, 0.09% sodium azide
Storage Conditions and Stability:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

Applications

Product Use:	WB IHC IP ELISA
Antibody Dilution Recommended:	WB (1:1000); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Mouse Rat
Antibody Positive Control:	Detects ~38kDa protein corresponding to p38α MAPK when loaded with 6ng of purified p38α by chemiluminescent immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	Detects a ~38 kDa protein.
Antibody Specificity:	High

This product is for in vitro research use only and is not intended for use in humans or animals.

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-888-546-3987