

# Product Datasheet

## MEK1 [p Ser218, p Ser222] Antibody - Azide Free NB500-139

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 1

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**NB500-139****MEK1 [p Ser218, p Ser222] Antibody - Azide Free**

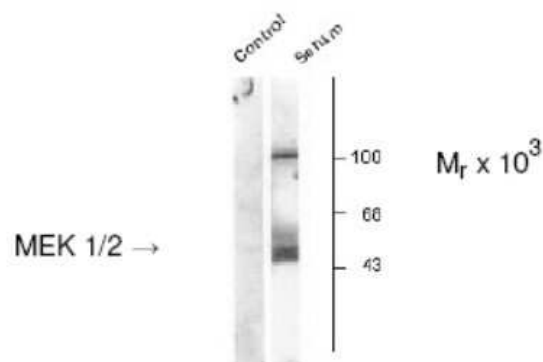
Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Antigen Affinity-purified
<b>Buffer</b>	10mM HEPES (pH 7.5), 0.15M NaCl, 0.1 mg/ml BSA and 50% Glycerol
<b>Target Molecular Weight</b>	45 kDa

Product Description	
<b>Description</b>	Novus Biologicals Rabbit MEK1 [p Ser218, p Ser222] Antibody - Azide Free (NB500-139) is a polyclonal antibody validated for use in WB. Anti-MEK1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	5604
<b>Gene Symbol</b>	MAP2K1
<b>Species</b>	Human, Mouse
<b>Specificity/Sensitivity</b>	Specific for endogenous levels of the ~45 kDa MEK1 protein phosphorylated at Ser218/222. Immunolabeling is blocked by preadsorption with the phosphopeptide used as antigen, but not by the corresponding non-phosphopeptide.
<b>Immunogen</b>	Synthetic phospho-peptide corresponding to amino acid residues surrounding Ser218/222 conjugated to KLH. Accession # Q02750

Product Application Details	
<b>Applications</b>	Western Blot
<b>Recommended Dilutions</b>	Western Blot 1:1000
<b>Application Notes</b>	This antibody is useful for Western blot where a band at 45 kDa is seen.

**Images**

Western Blot: MEK1 [p Ser218, p Ser222] Antibody [NB500-139] - Western Blot of NIH 3T3 cell lysates showing specific immunolabeling of the ~45kDa MEK 1/2 protein phosphorylated at Ser218 and Ser222. The cells were either serum starved (Control) or incubated in the presence of serum (Serum). Immunolabeling of an additional band at ~95kDa was also observed.



## Publications

Chen JQ, Lee JH, Herrmann MA et al. Capillary isoelectric-focusing immunoassays to study dynamic oncoprotein phosphorylation and drug response to targeted therapies in non-small cell lung cancer. *Mol Cancer Ther.* 2013-11-01 [PMID: 23979919] (Human)





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### **Products Related to NB500-139**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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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