

# Product Datasheet

## MSK1/RPS6KA5 [p Thr581] Antibody NB120-2562-50ug

Unit Size: 50 ug

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**NB120-2562-50ug**

MSK1/RPS6KA5 [p Thr581] Antibody

Product Information	
Unit Size	50 ug
Concentration	0.5 mg/ml
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Thimerosal
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2), 0.01% BSA, 50% Glycerol

Product Description	
Host	Rabbit
Gene ID	9252
Gene Symbol	RPS6KA5
Species	Human, Mouse
Specificity/Sensitivity	This detects 90 kDa MSK 1 only when phosphorylated at Thr581. It does not cross-react with non-phosphorylated MSK 1, or MSK 1 phosphorylated at other sites. It does not cross-react with RSK 1, RSK 2 or RSK 3.
Immunogen	Synthetic peptide surrounding phospho-Thr581 of human MSK1.

Product Application Details	
Applications	Western Blot
Recommended Dilutions	Western Blot 0.5 - 4 ug/ml

**Publications**

Zhang J, Guo L, Zhang Q et al. Aloe emodin suppresses EGF-induced neoplastic cell transformation by inhibiting the ERk/MSk1 and Akt/GSk3B signaling pathways. Mol Med Rep. 2018-09-27 [PMID: 30272294] (WB, Mouse)





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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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