

# Product Datasheet

## MARK4 Antibody NB100-1013

Unit Size: 0.1 mg

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

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**NB100-1013**

MARK4 Antibody

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

**Product Description**

<b>Description</b>	Novus Biologicals Goat MARK4 Antibody (NB100-1013) is a polyclonal antibody validated for use in WB, ELISA and Flow. Anti-MARK4 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Goat
<b>Gene ID</b>	57787
<b>Gene Symbol</b>	MARK4
<b>Species</b>	Human, Mouse
<b>Specificity/Sensitivity</b>	This antibody is expected to recognize the reported long isoform 1 (NP_113605.2) only.
<b>Immunogen</b>	Peptide with sequence IKRKPPPGCSDSPGV corresponding to C-Terminus according to NP_113605.2.

**Product Application Details**

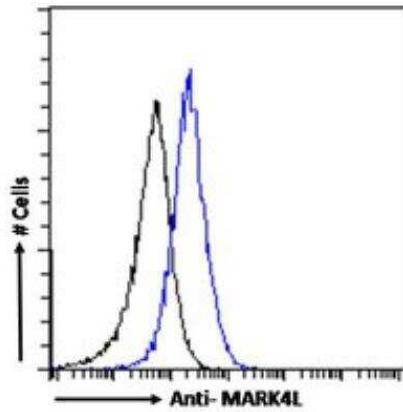
<b>Applications</b>	Western Blot, Flow Cytometry, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 0.3 - 1 ug/mL, Flow Cytometry 10 ug/mL, Peptide ELISA Detection limit 1:128000

## Images

Western Blot: MARK4 Antibody [NB100-1013] - Staining of U251 cell lysate (35 ug protein in RIPA buffer). Antibody at 1 ug/mL. Detected by chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa

Flow Cytometry: MARK4 Antibody [NB100-1013] - Flow cytometric analysis of paraformaldehyde fixed A431 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (1 ug/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Western Blot: MARK4 Antibody [NB100-1013] - Staining of Human Cerebellum lysate (A) + peptide (B), Mouse Brain lysate (C) + peptide (D) (35 ug protein in RIPA buffer). Antibody at 0.3 ug/mL. Detected by chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa

## Publications

Sultanakhmetov G, Limlingan S, Fukuchi A et al. Mark4 ablation attenuates the pathological phenotype in tauopathy model mice Research Square 2023-10-05 (In vitro, Mouse)

Kato T, Satoh S, Okabe H et al. Isolation of a novel human gene, MARKL1, homologous to MARK3 and its involvement in hepatocellular carcinogenesis. Neoplasia 2001-01-01 [PMID: 11326310]



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## Products Related to NB100-1013

NBL1-12900	MARK4 Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

## 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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