

# Product Datasheet

## NUP133 Antibody (3E8) - Azide and BSA Free H00055746-M01

Unit Size: 0.1 mg

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

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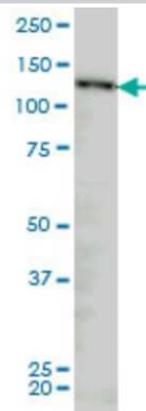
**H00055746-M01**

NUP133 Antibody (3E8) - Azide and BSA Free

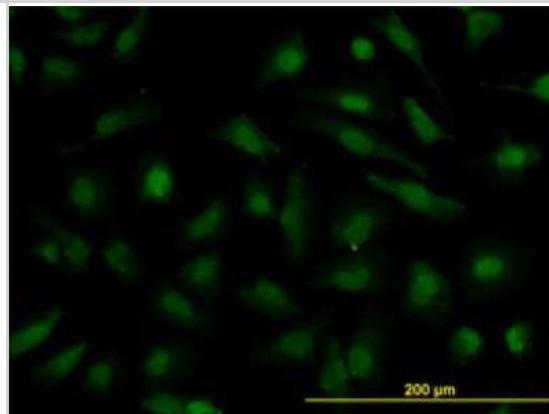
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	3E8
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2a Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	55746
<b>Gene Symbol</b>	NUP133
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	NUP133 (3E8)
<b>Immunogen</b>	NUP133 (NP_060700, 1069 a.a. ~ 1155 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. LKLEILCKALQRDNWSSSDGKDDPIEVSKDSIFVKILQKLLKDG IQLSEYLPEVKD LLQADQLGSLKSNPYFEFVLKANYEYYVQGG
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:10-1:500
<b>Application Notes</b>	Antibody reactive against cell lysate and recombinant protein for Western Blot. Has also been used for immunofluorescence, immunohistochemistry (paraffin), and ELISA.

## Images

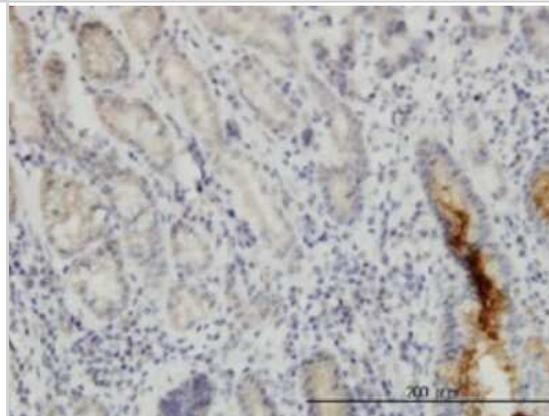
Western Blot: NUP133 Antibody (3E8) [H00055746-M01] - NUP133 monoclonal antibody (M01), clone 3E8 Analysis of NUP133 expression in HeLa.



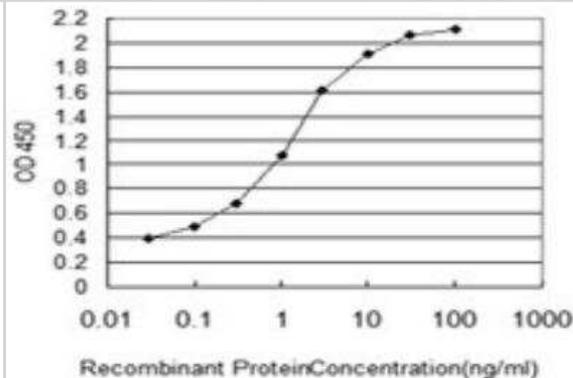
Immunocytochemistry/Immunofluorescence: NUP133 Antibody (3E8) [H00055746-M01] - Immunofluorescence of monoclonal antibody to NUP133 on HeLa cell . [antibody concentration 10 ug/ml]



Immunohistochemistry-Paraffin: NUP133 Antibody (3E8) [H00055746-M01] - Analysis of monoclonal antibody to NUP133 on formalin-fixed paraffin-embedded human stomach. Antibody concentration 3 ug/ml.



ELISA: NUP133 Antibody (3E8) [H00055746-M01] - Detection limit for recombinant GST tagged NUP133 is 0.03 ng/ml as a capture antibody.



## Publications

Miyake N, Tsukaguchi H, Koshimizu E et al. Biallelic Mutations in Nuclear Pore Complex Subunit NUP107 Cause Early-Childhood-Onset Steroid-Resistant Nephrotic Syndrome. *Am J Hum Genet.* 2015-10-01 [PMID: 2641149]

Miyake N, Tsukaguchi H, Koshimizu E et al. Biallelic Mutations in Nuclear Pore Complex Subunit NUP107 Cause Early-Childhood-Onset Steroid-Resistant Nephrotic Syndrome. *Am J Hum Genet.* 2015-09-22 [PMID: 26411495]

Kinoshita Y, Kalir T, Dottino P, Kohtz DS. Nuclear distributions of NUP62 and NUP214 suggest architectural diversity and spatial patterning among nuclear pore complexes. *PLoS One.* 2012-01-01 [PMID: 22558357] (Human)

Kinoshita Y, Kalir T, Rahaman J et al. Alterations in nuclear pore architecture allow cancer cell entry into or exit from drug-resistant dormancy. *Am J Pathol.* 2012-01-01 [PMID: 22074739] (Human)





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### **Products Related to H00055746-M01**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP2-31795PEP	NUP133 Recombinant Protein Antigen

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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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