

# 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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### Publications: 4

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**H00055746-M01**

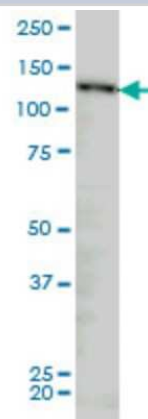
NUP133 Antibody (3E8) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3E8
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Novus Biologicals Mouse NUP133 Antibody (3E8) - Azide and BSA Free (H00055746-M01) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-NUP133 Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	55746
Gene Symbol	NUP133
Species	Human
Specificity/Sensitivity	NUP133 (3E8)
Immunogen	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 LLQADQLGSLKSNPYFEFVLKANYEYYVQQGQ
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin 1:10-1:500
Application Notes	Antibody reactive against cell lysate and recombinant protein for Western Blot. Has also been used for immunofluorescence, immunohistochemistry (paraffin), and ELISA.

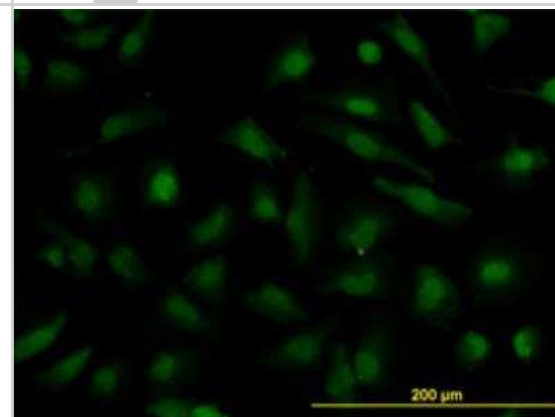


## Images

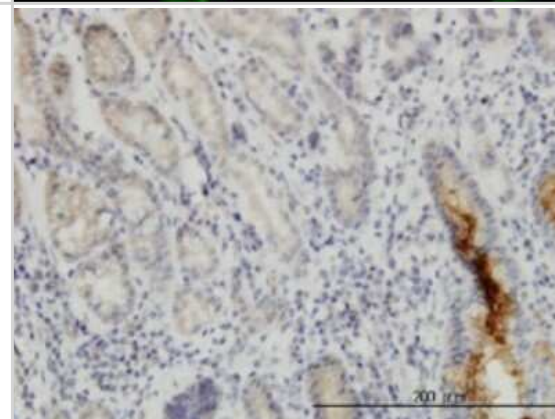
Western Blot: NUP133 Antibody (3E8) [H00055746-M01] - NUP133 monoclonal antibody (M01), clone 3E8 Analysis of NUP133 expression in HeLa.



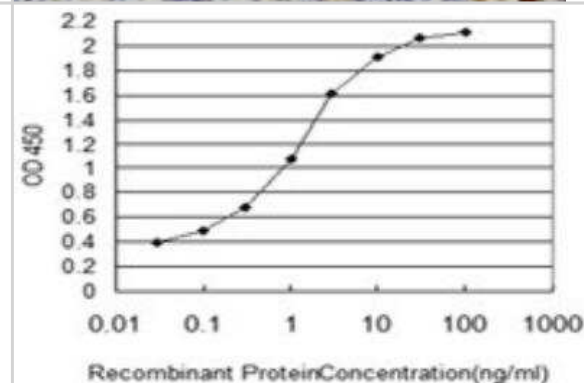
Immunocytochemistry/Immunofluorescence: NUP133 Antibody (3E8) [H00055746-M01] - Immunofluorescence of monoclonal antibody to NUP133 on HeLa cell . [antibody concentration 10 ug/ml]



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**

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

### **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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