Datasheet for ABIN565915

anti-NUP133 antibody (AA 1069-1155)

4 Images | 3 Publications

Go to Product page

Overview

Quantity:	100 µg
Target:	NUP133
Binding Specificity:	AA 1069-1155
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NUP133 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant NUP133.
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.
Sequence:	LKLEILCKAL QRDNWSSSDG KDDPIEVSKD SIFVKILQKL LKDGIQLSEY LPEVKDLLQA DQLGSLKSNP YFEFVLKANY EYYVQGQ
Clone:	3E8
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

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Target Details

Target:	NUP133
Alternative Name:	NUP133 (NUP133 Products)
Background:	Full Gene Name: nucleoporin 133 kDa Synonyms: FLJ10814,MGC21133,hNUP133
Gene ID:	55746
NCBI Accession:	NM_018230

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	Kinoshita, Kalir, Dottino, Kohtz: "Nuclear distributions of NUP62 and NUP214 suggest architectural diversity and spatial patterning among nuclear pore complexes." in: **PLoS ONE**, Vol. 7, Issue 4, pp. e36137, (2012) (PubMed). Kinoshita, Kalir, Rahaman, Dottino, Kohtz: "Alterations in nuclear pore architecture allow cancer cell entry into or exit from drug-resistant dormancy." in: **The American journal of pathology**, Vol. 180, Issue 1, pp. 375-89, (2011) (PubMed). Dubiel-Bigaj, Papla, Lenik: "[Multiple lymphoepithelial cysts of the parotid gland. Case report]." in: **Patologia polska**, Vol. 40, Issue 3, pp. 360-4, (1990) (PubMed).

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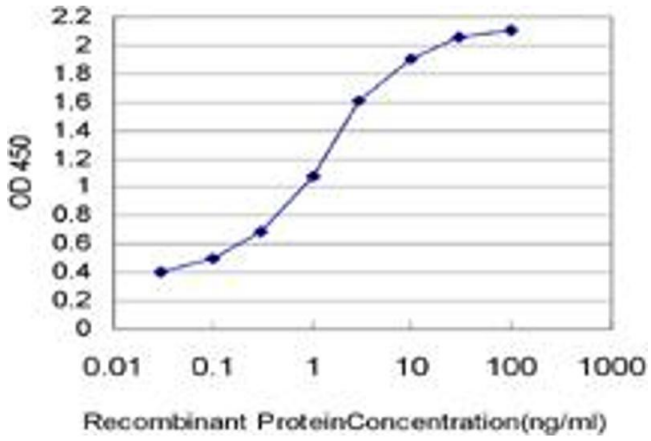
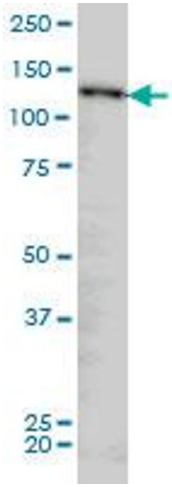


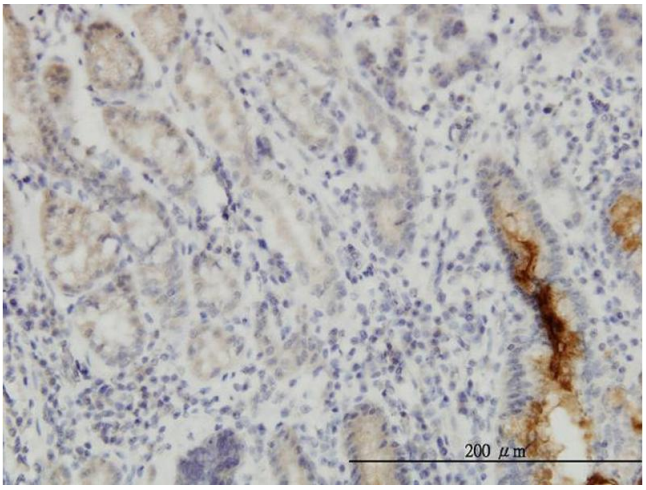
ELISA

Image 1. Detection limit for recombinant GST tagged NUP133 is 0.03 ng/ml as a capture antibody.



Western Blotting

Image 2. NUP133 monoclonal antibody (M01), clone 3E8 Western Blot analysis of NUP133 expression in HeLa .



Immunostaining

Image 3. Immunoperoxidase of monoclonal antibody to NUP133 on formalin-fixed paraffin-embedded human stomach. [antibody concentration 3 ug/ml]

Please check the product details page for more images. Overall 4 images are available for ABIN565915.

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