



## MONOCLONAL ANTIBODY

For research use only. Not for clinical diagnosis

**Catalog No. CEC-029**

### Anti-Nup98/p98 antibody

#### BACKGROUND

Nup98/p98 is a component of the NPC (nuclear pore complex), which are large protein assemblies embedded in the nuclear envelope. Nup98 has been reported to interact with several transport factors and play a critical part in nuclear trafficking.

<b>Product type</b>	Primary antibody
<b>Immunogen</b>	Recombinant GST-fused N-terminus fragment of human Nup98/p98 (aa 1-466)
<b>Host</b>	Rat
<b>Clone number</b>	2H10
<b>Isotype</b>	IgG2c, $\kappa$
<b>Source</b>	Culture supernatant
<b>Purification</b>	Ion-exchange chromatography
<b>Form</b>	Liquid
<b>Presentation</b>	Purified monoclonal antibody in PBS, 50% Glycerol, 0.05%w/v ProClin300
<b>Concentration</b>	1 mg/mL
<b>Volume</b>	100 $\mu$ L
<b>Label</b>	Unlabeled
<b>Specificity</b>	Nup98/p98
<b>Cross reactivity</b>	Human, Rat Other species have not been tested.
<b>Storage</b>	Store below -20°C (below -70°C for prolonged storage) Aliquot to avoid cycles of freeze/thaw.
<b>Other</b>	-

#### Application notes

##### Recommended use

WB, ICC, IHC Not tested for other applications.

##### Recommended dilutions

Western blotting, 1/1,000 to 1/5,000

Immunocytochemistry, 1/100 to 1/500

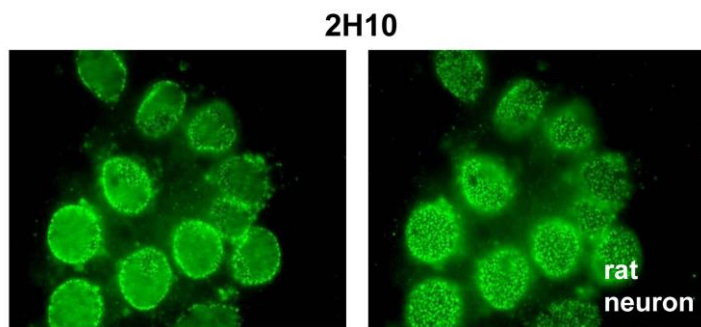
Immunohistochemistry: 1/100 to 1/500

Optimal dilutions/concentrations should be determined by the end user.

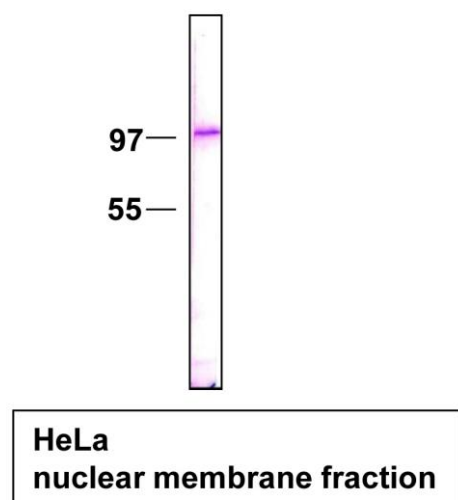
#### References

- 1) Fukuhara et al., HYBRIDOMA, (2005) 24:244-247.
  - 2) Oka et al., Mol.Biol.Cell., (2010) 21:1885-1896
- This antibody is used in ref.1 and 2.

## ANTIBODY CHARACTERIZATION



**Fig.1 Immunohistochemistry - Nup98/p98 antibody (2H10) , Rat Neuron**



**Fig.2 Western blot - Nup98/p98 antibody (2H10) , HeLa nuclear membrane fraction**

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