

# Product Datasheet

## Calnexin Antibody (1C2.2D11) - Azide and BSA Free NBP2-80608

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-80608**

Calnexin Antibody (1C2.2D11) - Azide and BSA Free

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	1C2.2D11
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2b Kappa
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS

**Product Description**

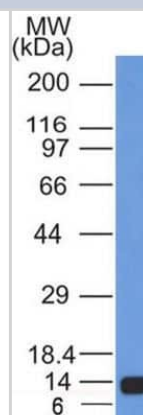
<b>Description</b>	Novus Biologicals Mouse Calnexin Antibody (1C2.2D11) - Azide and BSA Free (NBP2-36570) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	821
<b>Gene Symbol</b>	CANX
<b>Species</b>	Human
<b>Reactivity Notes</b>	Immunogen's sequence similarity with other species: Mouse (88%), Duck (81%), Xenopus (76%)
<b>Immunogen</b>	Partial recombinant human Calnexin protein (between amino acids 1-300). [UniProt P27824]

**Product Application Details**

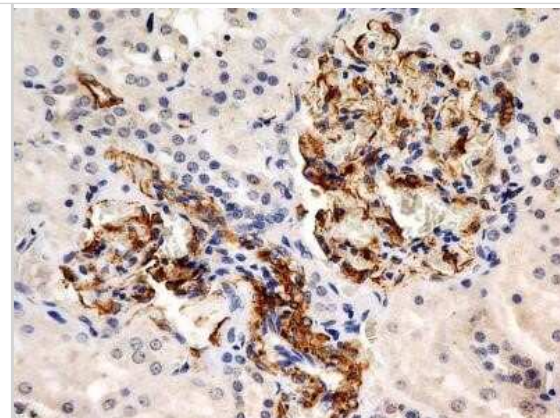
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot, Immunohistochemistry 7 ug/ml, Immunocytochemistry/ Immunofluorescence 10 ug/ml, Immunohistochemistry-Paraffin 7 ug/ml, Flow (Intracellular) 5 ug/million cells

**Images**

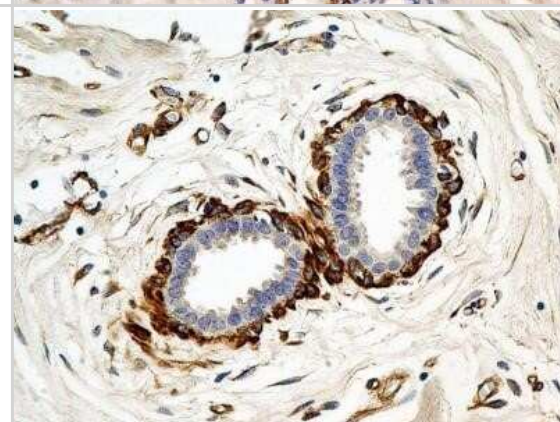
Western Blot: Calnexin Antibody (1C2.2D11) - Azide and BSA Free [NBP2-80608] - Analysis of 11 kDa Partial Recombinant Human Calnexin protein with Calnexin antibody (clone 1C2.2D11) at 0.5 ug/mL. Image from the standard format of this antibody.



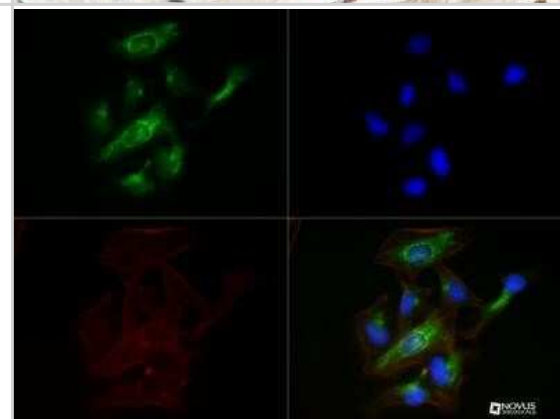
**Immunocytochemistry: Calnexin Antibody (1C2.2D11) - Azide and BSA Free [NBP2-80608]** - Analysis of FFPE tissue section of normal human kidney using mouse monoclonal Calnexin antibody (clone 1C2.2D11) at 7 ug/mL concentration. The cells of Glomeruli developed strong cytoplasmic staining. Image from the standard format of this antibody.



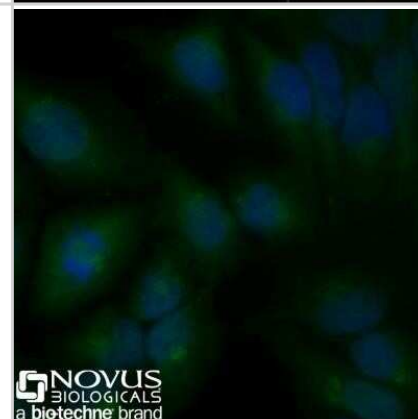
**Immunohistochemistry: Calnexin Antibody (1C2.2D11) - Azide and BSA Free [NBP2-80608]** - Analysis of FFPE tissue section of normal human breast using mouse monoclonal Calnexin antibody (clone 1C2.2D11) at 7 ug/mL concentration. The myoepithelial cells around the lobules depicted a very strong cytoplasmic staining. Image from the standard form



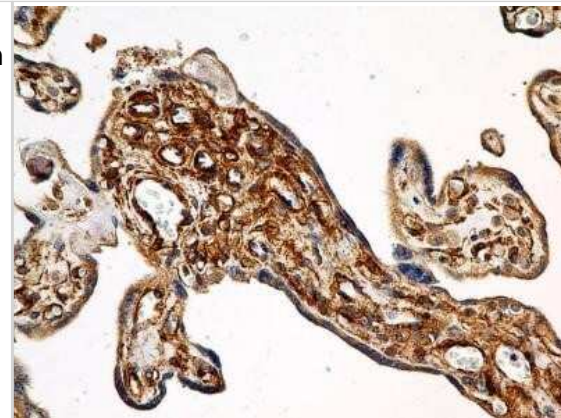
**Immunocytochemistry/Immunofluorescence: Calnexin Antibody (1C2.2D11) - Azide and BSA Free [NBP2-80608]** - Calnexin (1C2.2D11) antibody was tested in HeLa cells with DyLight 488 (green). Nuclei and alpha-tubulin were counterstained with DAPI (blue) and Dylight 550 (red). Image from the standard format of this antibody.



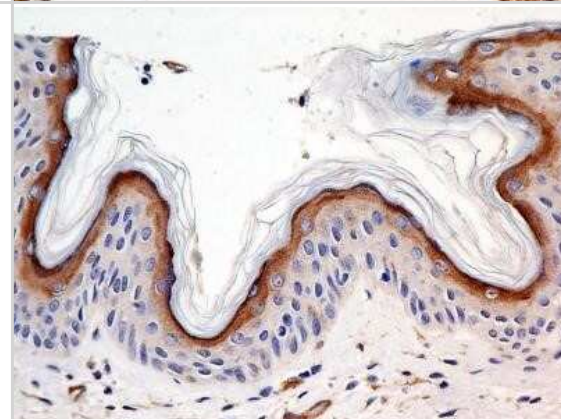
**Immunocytochemistry/Immunofluorescence: Calnexin Antibody (1C2.2D11) - Azide and BSA Free [NBP2-80608]** - HeLa cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X PBS + 0.05% Triton X-100. The cells were incubated with anti-Calnexin (1C2.2D11) conjugated to FITC [NBP2-36570F] at 10ug/mL for 1 hour at room temperature. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective. Image from the standard format of this antibody.



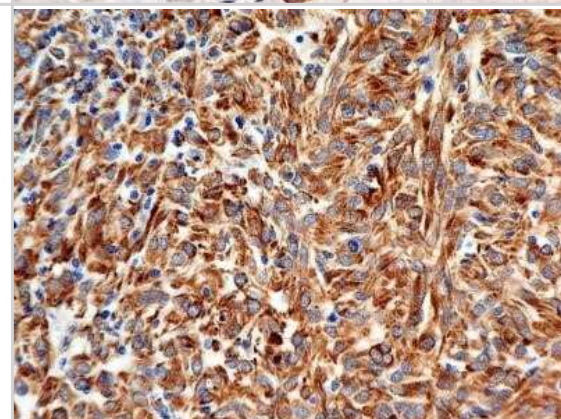
Immunohistochemistry-Paraffin: Calnexin Antibody (1C2.2D11) - Azide and BSA Free [NBP2-80608] - Analysis of FFPE tissue section of human placenta using mouse monoclonal Calnexin antibody (clone 1C2.2D11) at 7 ug/mL concentration. Image from the standard format of this antibody.



Immunohistochemistry: Calnexin Antibody (1C2.2D11) - Azide and BSA Free [NBP2-80608] - Analysis of FFPE tissue section of human skin using mouse monoclonal Calnexin antibody (clone 1C2.2D11) at 7 ug/mL concentration. The outermost keratinocytes layer of the epidermis showed cytoplasmic positivity for Calnexin protein. Image from the standar



Immunohistochemistry: Calnexin Antibody (1C2.2D11) - Azide and BSA Free [NBP2-80608] - Analysis of FFPE tissue section of malignant stromal tumor of the human small bowel using mouse monoclonal Calnexin antibody (clone 1C2.2D11) at 7 ug/mL concentration. The cancer cells showed a very strong cytoplasmic reactivity for Calnexin. Image from t







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### **Products Related to NBP2-80608**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NB100-1974PEP	Calnexin Antibody Blocking Peptide

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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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