

# Product Datasheet

## Calnexin Antibody (IE2.1C12) - Azide and BSA Free NBP2-80609

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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**NBP2-80609**

Calnexin Antibody (IE2.1C12) - Azide and BSA Free

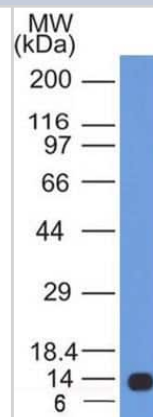
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	IE2.1C12
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	Protein G purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Mouse Calnexin Antibody (IE2.1C12) - Azide and BSA Free (NBP2-36571) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	821
Gene Symbol	CANX
Species	Human
Immunogen	Partial recombinant human Calnexin protein (between amino acids 1-300) [UniProt# P27824]

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry 7 ug/ml, Immunocytochemistry/ Immunofluorescence 10 ug/ml, Immunohistochemistry-Paraffin, Flow (Intracellular) 5 ug/million cells, CyTOF-ready

**Images**

Western Blot: Calnexin Antibody (IE2.1C12) - Azide and BSA Free [NBP2-80609] - Analysis of 11 kDa Partial Recombinant Human Calnexin protein with Calnexin antibody (clone IE2.1C12) at 0.5 ug/ml concentration. Image from the standard format of this antibody.



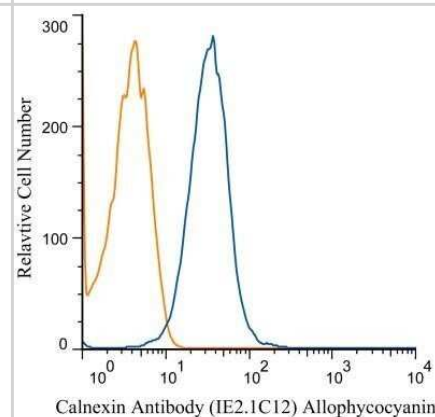
**Immunocytochemistry: Calnexin Antibody (IE2.1C12) - Azide and BSA Free [NBP2-80609] - Analysis of FFPE tissue section of human placenta using mouse monoclonal Calnexin antibody (clone IE2.1C12) at 7 ug/ml concentration. Image from the standard format of this antibody.**



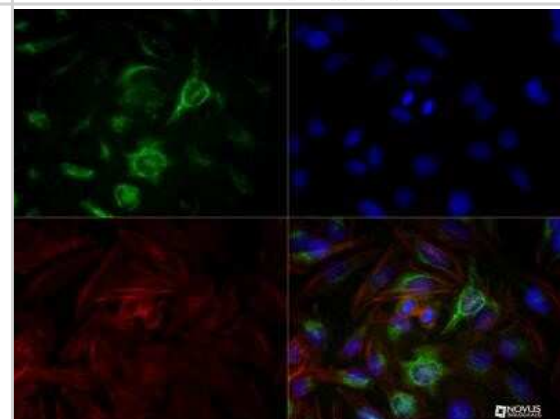
**Immunohistochemistry-Paraffin: Calnexin Antibody (IE2.1C12) - Azide and BSA Free [NBP2-80609] - Analysis of FFPE tissue section of normal human kidney using mouse monoclonal Calnexin antibody (clone IE2.1C12) at 7 ug/ml concentration. The cells of Glomeruli developed strong cytoplasmic staining. Image from the standard format of this antibody.**



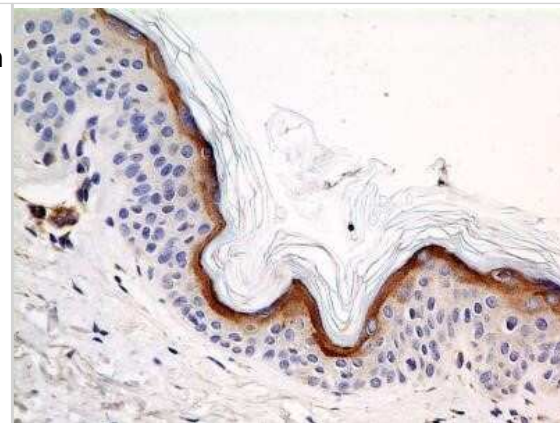
**Flow Cytometry: Calnexin Antibody (IE2.1C12) - Azide and BSA Free [NBP2-80609] - Analysis of Allophycocyanin conjugate of NBP2-36571. An intracellular stain was performed on Jurkat cells with Calnexin antibody (IE2.1C12) NBP2-36571APC (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin.**



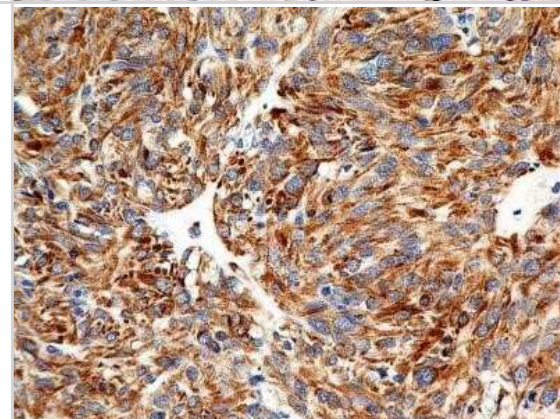
**Immunocytochemistry/Immunofluorescence: Calnexin Antibody (IE2.1C12) - Azide and BSA Free [NBP2-80609] - Calnexin (1E2.1C12) antibody was tested in Hela cells with DyLight488 (green). Nuclei and alpha-tubulin were counterstained with DAPI (blue) and DyLight 550 (red). Image from the standard format of this antibody.**



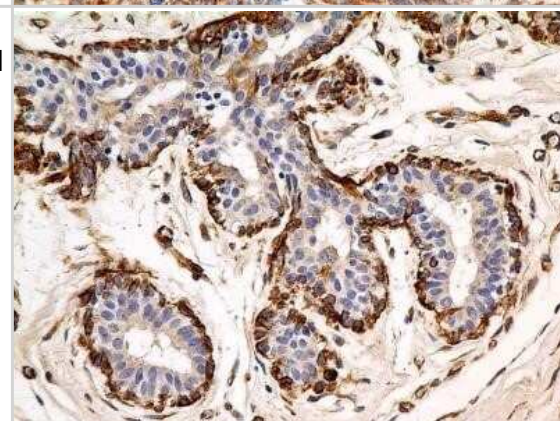
Immunohistochemistry-Paraffin: Calnexin Antibody (IE2.1C12) - Azide and BSA Free [NBP2-80609] - Analysis of FFPE tissue section of human skin using mouse monoclonal Calnexin antibody (clone IE2.1C12) at 7 ug/ml concentration. The outermost keratinocytes layer of the epidermis showed cytoplasmic positivity for Calnexin protein. Image from the standar



Immunohistochemistry-Paraffin: Calnexin Antibody (IE2.1C12) - Azide and BSA Free [NBP2-80609] - Analysis of FFPE tissue section of malignant stromal tumor of the human small bowel using mouse monoclonal Calnexin antibody (clone IE2.1C12) at 7 ug/ml concentration. The cancer cells showed a very strong cytoplasmic reactivity for Calnexin. Image from t



Immunohistochemistry-Paraffin: Calnexin Antibody (IE2.1C12) - Azide and BSA Free [NBP2-80609] - Analysis of FFPE tissue section of normal human breast using mouse monoclonal Calnexin antibody (clone IE2.1C12) at 7 ug/ml concentration. The myoepithelial cells around the lobules depicted a very strong cytoplasmic staining. Image from the standard form





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### **Products Related to NBP2-80609**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)

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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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