

Product Datasheet

IGF-II R/IGF2R Antibody (2G11) - Azide and BSA Free NBP2-80785

Unit Size: 0.1 ml

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

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NBP2-80785

IGF-II R/IGF2R Antibody (2G11) - Azide and BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2G11
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	Protein A purified
Buffer	PBS

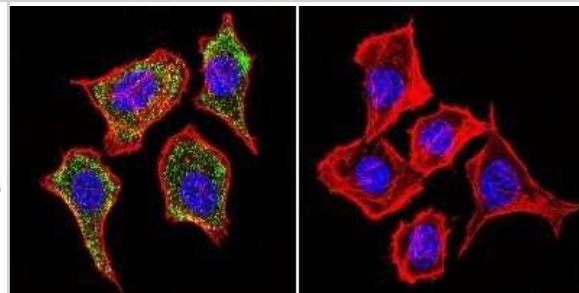
Product Description	
Description	Novus Biologicals Mouse IGF-II R/IGF2R Antibody (2G11) - Azide and BSA Free (NB300-514) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3482
Gene Symbol	IGF2R
Species	Human, Mouse, Rat, Bovine, Primate
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 9119492). Does not react with Chinese hamster ovary cell Mannose 6 Phosphate Receptor.
Immunogen	Purified bovine Mannose 6 Phosphate Receptor (Cation independent) [UniProt# P08169]

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot 1 ug/ml, Flow Cytometry 1 ug per million cells, ELISA, Immunohistochemistry 1:100, Immunocytochemistry/ Immunofluorescence 1:10-1:250, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:100, CyTOF-ready
Application Notes	By Western Blot, a 300 kDa protein representing Mannose 6 Phosphate Receptor is seen in HeLa cell extract under non-reducing conditions. Immunofluorescence staining of Mannose 6 Phosphate Receptor in HeLa cells with this antibody results in perinuclear staining. This antibody is also useful in Flow Cytometry, Immunoprecipitation, ELISA and Immunohistochemistry-on paraffin embedded sections. This antibody is CyTOF ready.

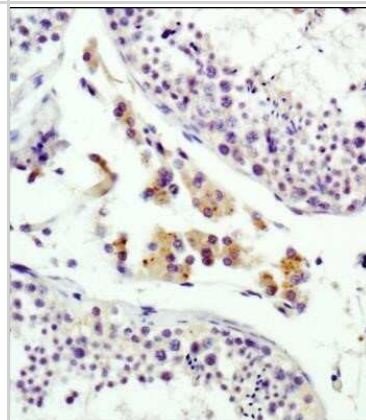


Images

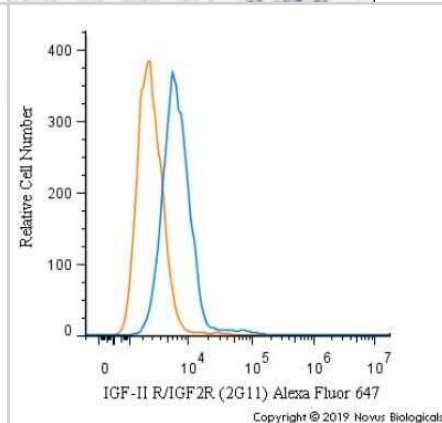
Immunocytochemistry/Immunofluorescence: IGF-II R/IGF2R Antibody (2G11) - Azide and BSA Free [NBP2-80785] - Staining in Hela Cells. Mannose 6-Phosphate Receptor staining (green), F-Actin staining with Phalloidin (red) and nuclei with DAPI (blue) is shown. Cells were grown on chamber slides and fixed with formaldehyde prior to staining. Cells were probed without (control) or with an antibody recognizing Mannose 6-Phosphate Receptor at a dilution of 1:20 over night at 4 C, washed with PBS and incubated with a DyLight-488 conjugated secondary antibody. Image from the standard format of this antibody.



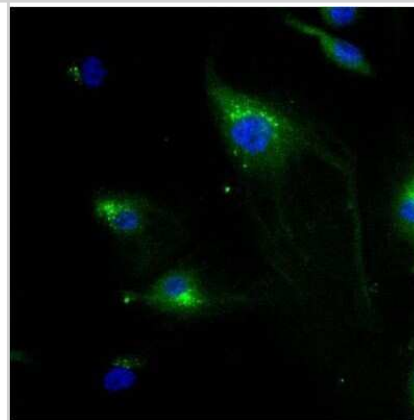
Immunohistochemistry: IGF-II R/IGF2R Antibody (2G11) - Azide and BSA Free [NBP2-80785] - Staining of human testis using NB300-514 antibody at 1:100. Image from the standard format of this antibody.



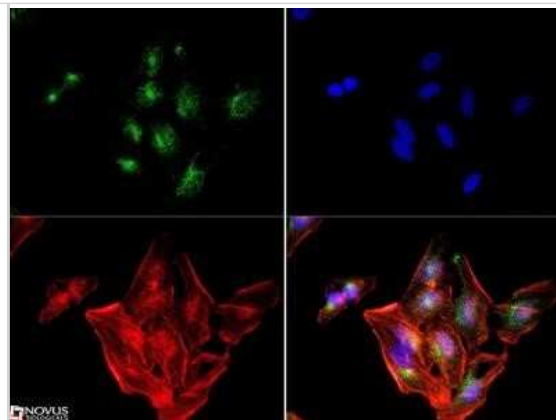
Flow Cytometry: IGF-II R/IGF2R Antibody (2G11) - Azide and BSA Free [NBP2-80785] - An intracellular stain was performed on MCF7 cells with IGF-II R/IGF2R [2G11] Antibody NB300-514AF647 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 5 ug/mL for 30 minutes at room temperature. Both antibodies were directly conjugated to Alexa Fluor 647.



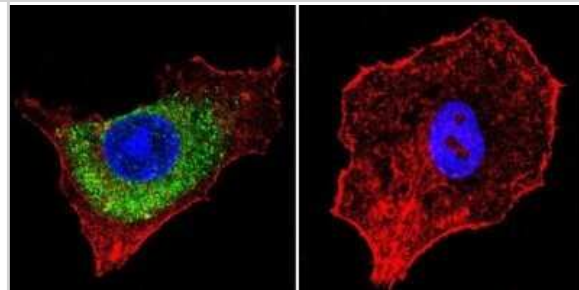
Immunocytochemistry/Immunofluorescence: IGF-II R/IGF2R Antibody (2G11) - Azide and BSA Free [NBP2-80785] - HMVEC Cells Image from the standard format of this antibody.



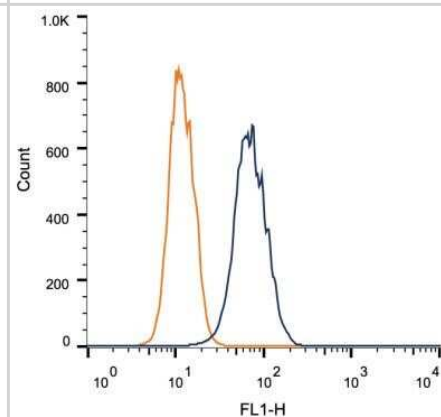
Immunocytochemistry/Immunofluorescence: IGF-II R/IGF2R Antibody (2G11) - Azide and BSA Free [NBP2-80785] - Mannose 6 Phosphate Receptor (Cation independent) antibody (2G11) was tested at (1:250) in HeLa cells with Dylight 488 (green). Nuclei and alpha-tubulin were counterstained with DAPI (blue) and DyLight-550 (red). Image from the standard format of this antibody.



Immunocytochemistry/Immunofluorescence: IGF-II R/IGF2R Antibody (2G11) - Azide and BSA Free [NBP2-80785] - Mannose 6-Phosphate Receptor staining (green), F-Actin staining with Phalloidin (red) and nuclei with DAPI (blue) is shown. Cells were grown on chamber slides and fixed with formaldehyde prior to staining. Cells were probed without (control) or with or an antibody recognizing Mannose 6-Phosphate Receptor at a dilution of 1:20 over night at 4C, washed with PBS and incubated with a DyLight-488 conjugated. Image from the standard format of this antibody.



Flow Cytometry: IGF-II R/IGF2R Antibody (2G11) - Azide and BSA Free [NBP2-80785] - Intracellular flow cytometric staining of 1×10^6 MCF-7 cells using Mannose 6 Phosphate Receptor antibody (dark blue). Isotype control shown in orange. An antibody concentration of $1 \mu\text{g}/1 \times 10^6$ cells was used. Image from the standard format of this antibody.





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Products Related to NBP2-80785

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]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)

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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