

# Product Datasheet

## IGF-II/IGF2 Antibody (8H1) - BSA Free NBP2-37462

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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### Publications: 1

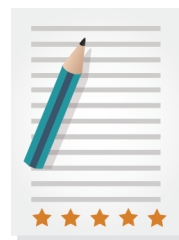
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Updated 10/23/2024 v.20.1

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**NBP2-37462**

IGF-II/IGF2 Antibody (8H1) - BSA Free

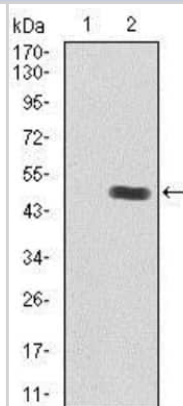
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	8H1
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	20.1 kDa

Product Description	
Host	Mouse
Gene ID	3481
Gene Symbol	IGF2
Species	Human
Immunogen	Purified recombinant fragment of human IGF-II/IGF2 (AA: 25-180) expressed in E. Coli.

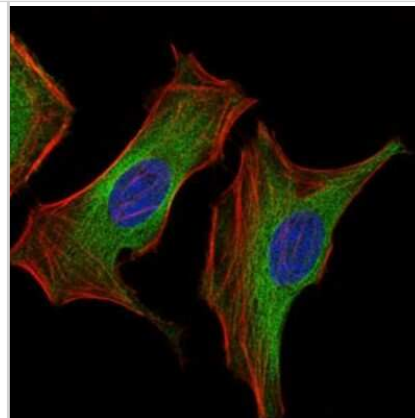
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500 - 1:2000, Flow Cytometry 1:200 - 1:400, ELISA 1:10000, Immunohistochemistry 1:200 - 1:1000, Immunocytochemistry/Immunofluorescence 1:200 - 1:1000, Immunohistochemistry-Paraffin 1:200-1:1000

**Images**

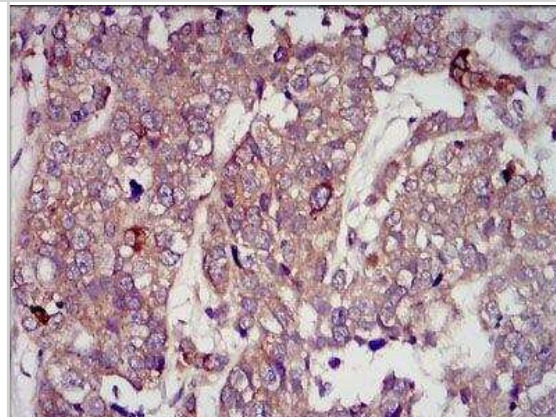
Western Blot: IGF-II Antibody (8H1) [NBP2-37462] - Analysis using IGF2 mAb against HEK293 (1) and IGF2 (AA: 25-180)-hlgGfc transfected HEK293 (2) cell lysate.



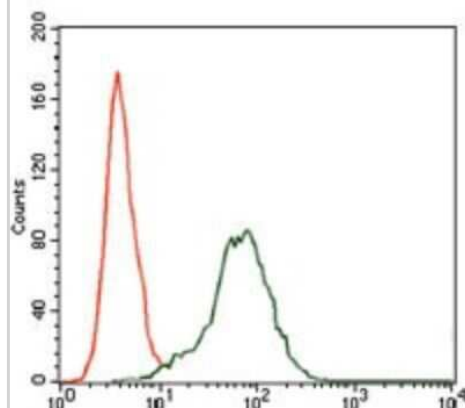
Immunocytochemistry/Immunofluorescence: IGF-II/IGF2 Antibody (8H1) [NBP2-37462] - Analysis of HeLa cells using IGF2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



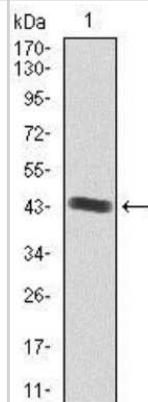
Immunohistochemistry-Paraffin: IGF-II/IGF2 Antibody (8H1) [NBP2-37462] - Analysis of paraffin-embedded bladder cancer tissues using IGF-II/IGF2 (8H1) mouse mAb with DAB staining.



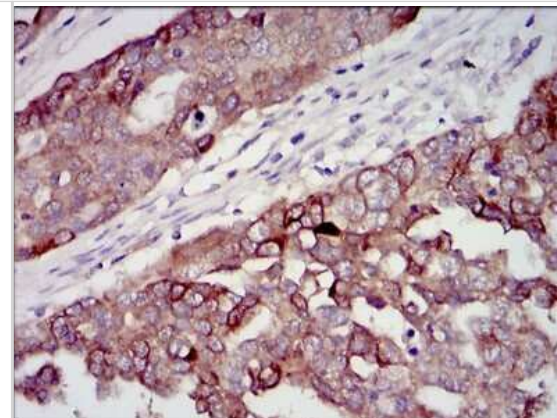
Flow Cytometry: IGF-II/IGF2 Antibody (8H1) [NBP2-37462] - Analysis of HepG2 cells using IGF2 mouse mAb (green) and negative control (red).



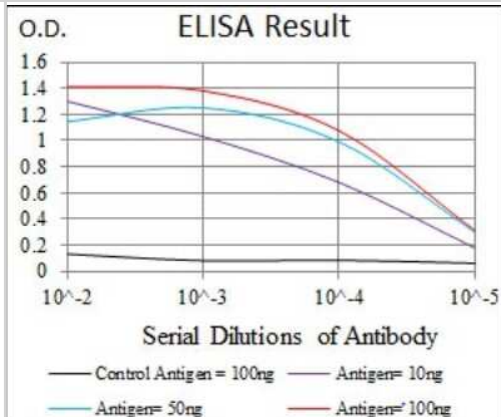
Western Blot: IGF-II/IGF2 Antibody (8H1) [NBP2-37462] - Analysis using IGF2 mAb against human IGF2 recombinant protein. (Expected MW is 43.1 kDa)



Immunohistochemistry-Paraffin: IGF-II/IGF2 Antibody (8H1) [NBP2-37462] - Analysis of ovarian cancer tissues using IGF2 mouse mAb with DAB staining.



ELISA: IGF-II/IGF2 Antibody (8H1) [NBP2-37462] - Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);



## Publications

Yamasato Kelly, Tsai Pai-Jong Stacy, Davis James et al. Human relaxins (RLNH1, RLNH2), their receptor (RXFP1) and fetoplacental growth. Reproduction (Cambridge, England) 2017-01-01 [PMID: 28468839] (IF/IHC, Human)



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### **Products Related to NBP2-37462**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-59722-10ug	Recombinant Human IGF-II/IGF2 Protein

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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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