

# Product Datasheet

## Cytokeratin 19 Antibody (4E8) - BSA Free NBP2-22116

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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**NBP2-22116****Cytokeratin 19 Antibody (4E8) - BSA Free**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	1.0 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>	4E8
<b>Preservative</b>	0.03% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Ammonium sulfate precipitation
<b>Buffer</b>	PBS
<b>Target Molecular Weight</b>	41 kDa

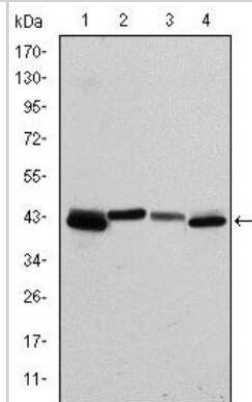
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse Cytokeratin 19 Antibody (4E8) - BSA Free (NBP2-22116) is a monoclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-Cytokeratin 19 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	3880
<b>Gene Symbol</b>	KRT19
<b>Species</b>	Human
<b>Marker</b>	Epithelial Cell Marker
<b>Immunogen</b>	Purified recombinant fragment of human Cytokeratin 19 expressed in E. coli. [UniProt# P08727]

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:500-1:2000, ELISA 1:10000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:25-1:200, Immunohistochemistry-Paraffin 1:100-1:200
<b>Application Notes</b>	This Cytokeratin 19 (4E8) antibody is useful for Western blot, Immunohistochemistry on paraffin-embedded sections, Immunocytochemistry/Immunofluorescence and ELISA.

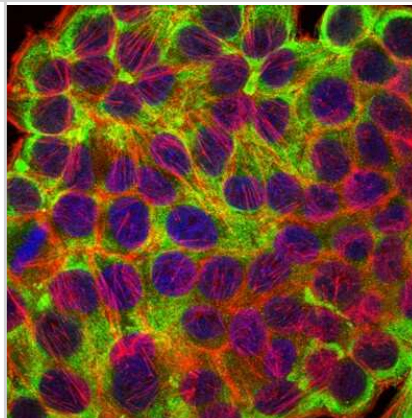


## Images

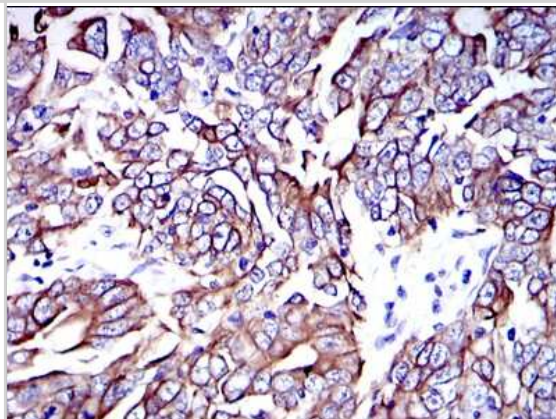
Western Blot: Cytokeratin 19 Antibody (4E8) [NBP2-22116] - Western blot analysis using Cytokeratin 19 mouse mAb against T47D (1), MCF-7 (2), HepG2 (3) and SW620 (4) cell lysate.



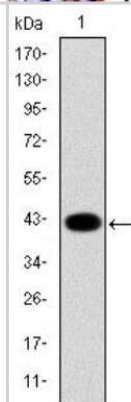
Immunocytochemistry/Immunofluorescence: Cytokeratin 19 Antibody (4E8) [NBP2-22116] - Immunofluorescence analysis of HepG2 cells using Cytokeratin 19 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



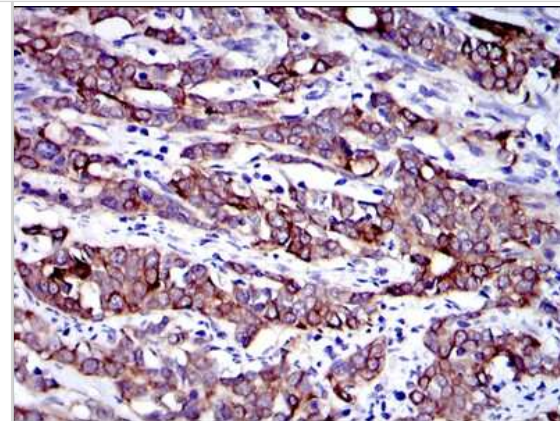
Immunohistochemistry-Paraffin: Cytokeratin 19 Antibody (4E8) [NBP2-22116] - Immunohistochemical analysis of paraffin-embedded human stomach cancer tissues using Cytokeratin 19 mouse mAb with DAB staining.



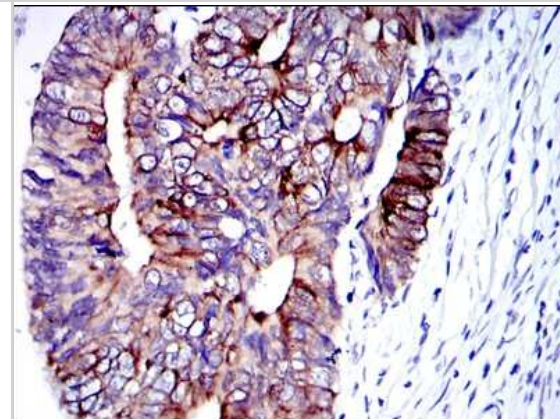
Western Blot: Cytokeratin 19 Antibody (4E8) [NBP2-22116] - Western blot analysis using Cytokeratin 19 mAb against human Cytokeratin 19 (AA: 115-269) recombinant protein. (Expected MW is 43.1 kDa)



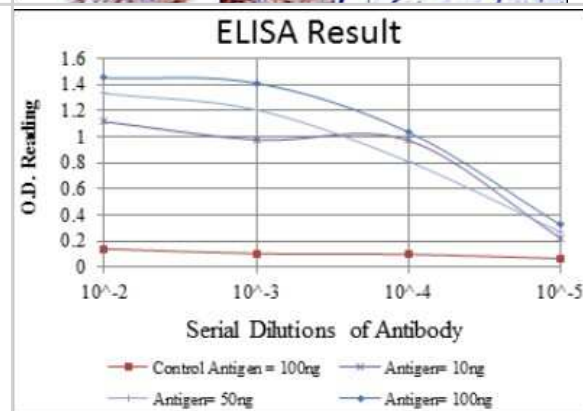
Immunohistochemistry-Paraffin: Cytokeratin 19 Antibody (4E8) [NBP2-22116] - Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using Cytokeratin 19 mouse mAb with DAB staining.



Immunohistochemistry-Paraffin: Cytokeratin 19 Antibody (4E8) [NBP2-22116] - Immunohistochemical analysis of paraffin-embedded human colon cancer tissues using Cytokeratin 19 mouse mAb with DAB staining.



ELISA: Cytokeratin 19 Antibody (4E8) [NBP2-22116] - Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng).



## Publications

Habbani S, Dowlatshahi S, Lichti N et al. Protein Biomarkers Enable Sensitive and Specific Cervical Intraepithelial Neoplasia (CIN) II/III+ Detection: One Step Closer to Universal Cervical Cancer Screening. *Cancers* 2025-05-24 [PMID: 40507244]

Hu WY, Hu DP, Xie L et al. Keratin Profiling by Single-Cell RNA-Sequencing Identifies Human Prostate Stem Cell Lineage Hierarchy and Cancer Stem-Like Cells *International Journal of Molecular Sciences* 2021-07-28 [PMID: 34360875]



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### **Products Related to NBP2-22116**

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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]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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