

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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Publications: 1

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NBP2-22116

Cytokeratin 19 Antibody (4E8) - BSA Free

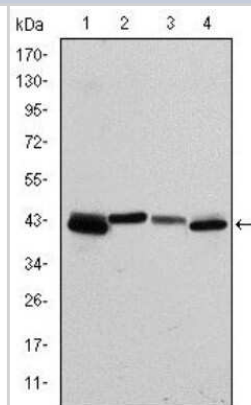
Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4E8
Preservative	0.03% Sodium Azide
Isotype	IgG1
Purity	Ammonium sulfate precipitation
Buffer	PBS
Target Molecular Weight	41 kDa

Product Description	
Host	Mouse
Gene ID	3880
Gene Symbol	KRT19
Species	Human
Marker	Epithelial Cell Marker
Immunogen	Purified recombinant fragment of human Cytokeratin 19 expressed in E. coli. [UniProt# P08727]

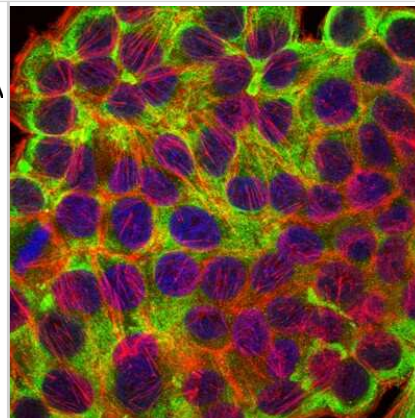
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:2000, ELISA 1:10000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:25-1:200, Immunohistochemistry-Paraffin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

Images

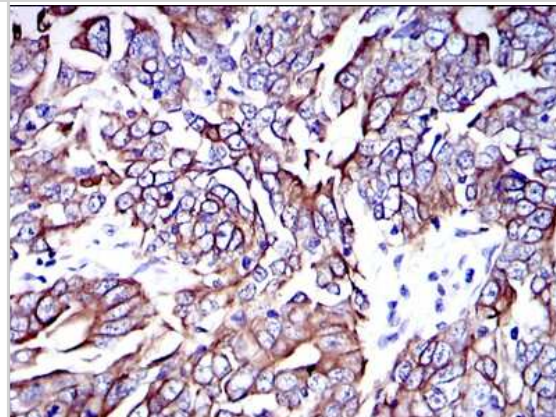
Western Blot: Cytokeratin 19 Antibody (4E8) [NBP2-22116] - Western blot analysis using Cytokeratin 19 mouse mAb against T47D (1), MCF-7 (2), HepG2 (3) and SW620 (4) cell lysate.



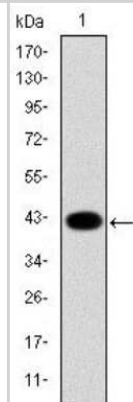
Immunocytochemistry/Immunofluorescence: Cytokeratin 19 Antibody (4E8) [NBP2-22116] - Immunofluorescence analysis of HepG2 cells using Cytokeratin 19 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



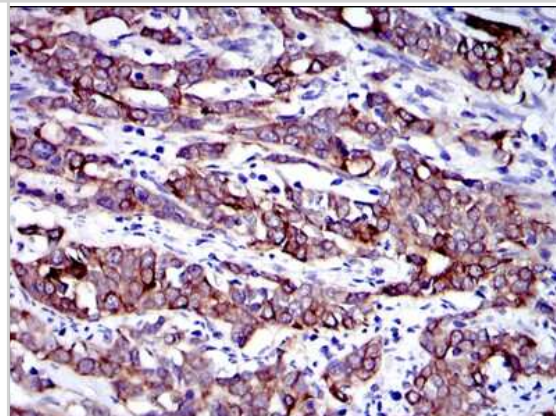
Immunohistochemistry-Paraffin: Cytokeratin 19 Antibody (4E8) [NBP2-22116] - Immunohistochemical analysis of paraffin-embedded human stomach cancer tissues using Cytokeratin 19 mouse mAb with DAB staining.



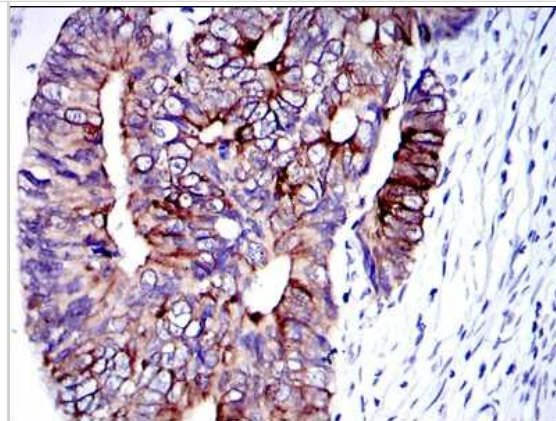
Western Blot: Cytokeratin 19 Antibody (4E8) [NBP2-22116] - Western blot analysis using Cytokeratin 19 mAb against human Cytokeratin 19 (AA: 115-269) recombinant protein. (Expected MW is 43.1 kDa)



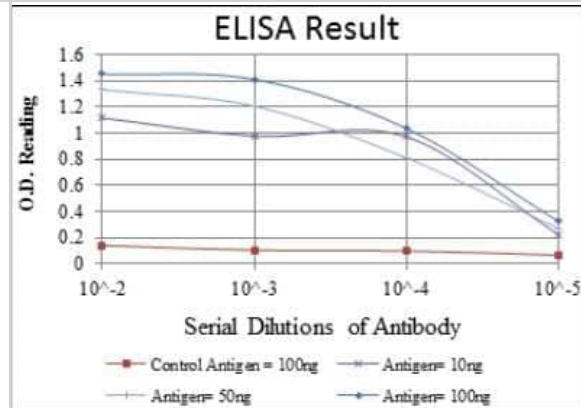
Immunohistochemistry-Paraffin: Cytokeratin 19 Antibody (4E8) [NBP2-22116] - Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using Cytokeratin 19 mouse mAb with DAB staining.



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

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

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)
NB100-687PEP	Cytokeratin 19 Antibody Blocking Peptide

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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