

Product Datasheet

Cytokeratin 7 Antibody (rOV-TL12/30) - Azide and BSA Free NBP2-54499-100ug

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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NBP2-54499-100ug

Cytokeratin 7 Antibody (rOV-TL12/30) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	rOV-TL12/30
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	55 kDa

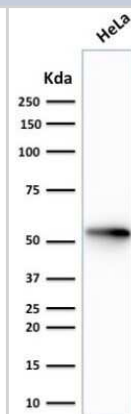
Product Description	
Description	1.0 mg/ml of recombinant monoclonal antibody purified by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-53150). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	3855
Gene Symbol	KRT7
Species	Human
Marker	Glandular and Transitional Epithelial Marker
Specificity/Sensitivity	It recognizes an intermediate filament protein (IFP) of 55kDa, which is identified as cytokeratin 7. This monoclonal antibody is highly specific to cytokeratin 7 and shows no cross-reaction with other IFPs. Cytokeratin 7 is a basic cytokeratin, which is found in most glandular and transitional epithelia but not in the stratified squamous epithelia. Keratin 7 is expressed in the epithelial cells of ovary, lung, and breast but not of colon, prostate, or gastrointestinal tract. This monoclonal antibody is highly useful in distinguishing ovarian carcinomas (keratin 7+) from colon carcinomas (keratin 7-).
Immunogen	Recombinant full-length human Cytokeratin 7 protein (Uniprot: P08729)

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array, CyTOF-ready
Recommended Dilutions	Western Blot, Flow Cytometry 0.5 - 1 ug/million cells, Immunohistochemistry, Immunohistochemistry-Paraffin 0.5 - 1.0 ug/ml, Protein Array, CyTOF-ready
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.



Images

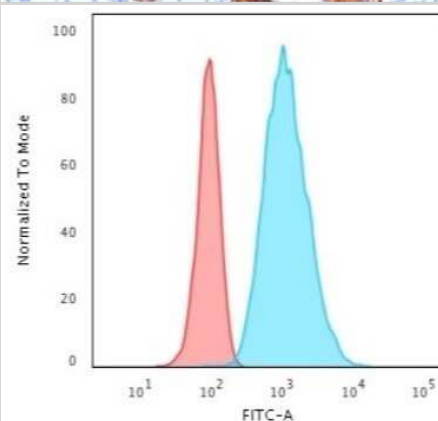
Western Blot: Cytokeratin 7 Antibody (rOV-TL12/30) - Azide and BSA Free [NBP2-54499] - Western Blot Analysis of human HeLa cell lysate using Cytokeratin 7 Antibody (rOV-TL12/30).



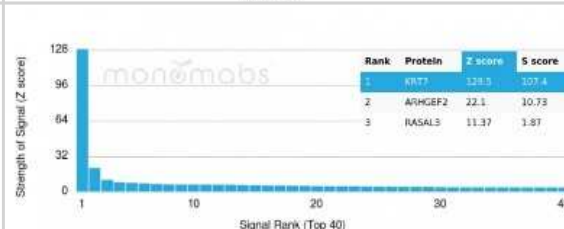
Immunohistochemistry-Paraffin: Cytokeratin 7 Antibody (rOV-TL12/30) - Azide and BSA Free [NBP2-54499] - Formalin-fixed, paraffin-embedded human Endometrial Carcinoma stained with Cytokeratin-7 Recombinant Mouse Monoclonal Antibody (rOV-TL12/30).



Flow Cytometry: Cytokeratin 7 Antibody (rOV-TL12/30) - Azide and BSA Free [NBP2-54499] - Flow Cytometric Analysis of HeLa cells using Cytokeratin 7 Antibody (rOV-TL12/30). followed by Goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red).



Protein Array: Cytokeratin 7 Antibody (rOV-TL12/30) - Azide and BSA Free [NBP2-54499] - Analysis of Protein Array containing more than 19,000 full-length human proteins using Cytokeratin 7 Monospecific Recombinant Mouse Monoclonal Antibody (rOV-TL12/30).





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Products Related to NBP2-54499-100ug

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00003855-P01-10ug	Recombinant Human Cytokeratin 7 GST (N-Term) Protein

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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