

Product Datasheet

Cytokeratin 18 Antibody (SPM265)

NBP2-34356-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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NBP2-34356-0.1mg**Cytokeratin 18 Antibody (SPM265)**

| Product Information | |
|--------------------------------|--------------------------|
| Unit Size | 0.1 mg |
| Concentration | 0.2 mg/ml |
| Storage | Store at 4C. |
| Clonality | Monoclonal |
| Clone | SPM265 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 Kappa |
| Purity | Protein A or G purified |
| Buffer | 10 mM PBS with 0.05% BSA |
| Target Molecular Weight | 45 kDa |

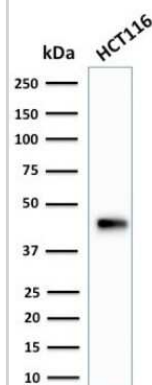
| Product Description | |
|--------------------------------|---|
| Description | 200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-34404) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C. |
| Host | Mouse |
| Gene ID | 3875 |
| Gene Symbol | KRT18 |
| Species | Human, Bovine (Negative), Canine (Negative), Hamster (Negative), Mouse (Negative), Porcine (Negative), Rat (Negative), Sheep (Negative) |
| Reactivity Notes | Does not react with Mouse, Rat, Sheep, Hamster, Bovine, Canine or Porcine. |
| Marker | Epithelial Marker |
| Specificity/Sensitivity | This monoclonal antibody reacts with a wide variety of simple epithelia. It does not react with stratified squamous epithelia. It reacts with epithelial tumors of the gastrointestinal tract, lung, breast, pancreas, ovary, and thyroid. Cytokeratin 18, which belongs to the type A (acidic) subfamily of low molecular weight keratins, exists in combination with cytokeratin 8. It is reported that tissues from gastrointestinal tract are positive for both cytokeratin 8 and 18 but do not contain cytokeratin 14. Tissues from gastrointestinal tract, respiratory tract and urogenital tract, as well as endocrine and exocrine tissues and mesothelial cells are positive for cytokeratin 18. |
| Immunogen | PMC-42 human breast carcinoma cells |

| Product Application Details | |
|------------------------------------|---|
| Applications | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot 1-2 ug/ml, Flow Cytometry 1-2 ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml |
| Application Notes | Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 min 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. |

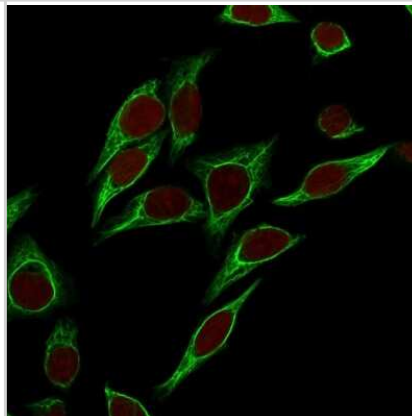


Images

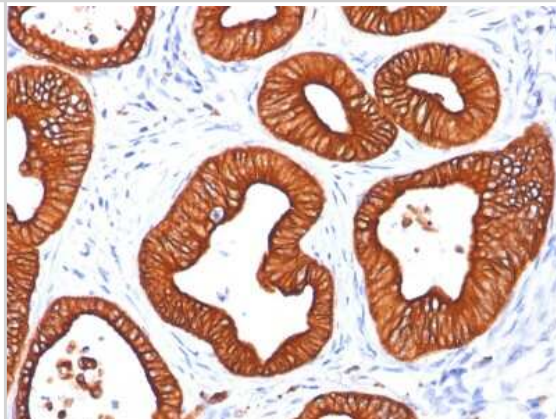
Western Blot: Cytokeratin 18 Antibody (SPM265) [NBP2-34356] - Western Blot Analysis of HCT116 cell lysate using Cytokeratin 18 Antibody (SPM265).



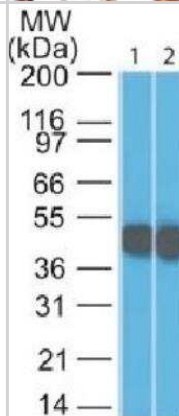
Immunocytochemistry/Immunofluorescence: Cytokeratin 18 Antibody (SPM265) [NBP2-34356] - Confocal Immunofluorescence of HeLa cells Cytokeratin 18 Antibody (SPM265). labeled with CF488 (Green); Red Dot is used to label the nuclei.



Immunohistochemistry-Paraffin: Cytokeratin 18 Antibody (SPM265) [NBP2-34356] - Formalin-paraffin skin sweat gland stained with Cytokeratin 18 MAb (SPM265). Note cytoplasmic staining of tumor cells.



Western Blot: Cytokeratin 18 Antibody (SPM265) [NBP2-34356] - Western Blot 1) HeLa and 2) A431 Lysate using Cytokeratin 18 Monoclonal Antibody (SPM265)





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Products Related to NBP2-34356-0.1mg

| | |
|--------------------|---|
| 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) |
| H00003875-P01-10ug | Recombinant Human Cytokeratin 18 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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