

# Product Datasheet

## Cytokeratin 1 Antibody (10W8J6)

### NBP3-16883-100ul

Unit Size: 100 ul

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

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**NBP3-16883-100ul**

Cytokeratin 1 Antibody (10W8J6)

**Product Information**

|                                |                                                                                             |
|--------------------------------|---------------------------------------------------------------------------------------------|
| <b>Unit Size</b>               | 100 ul                                                                                      |
| <b>Concentration</b>           | Please see the vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>                 | Store at -20C. Avoid freeze-thaw cycles.                                                    |
| <b>Clonality</b>               | Monoclonal                                                                                  |
| <b>Clone</b>                   | 10W8J6                                                                                      |
| <b>Preservative</b>            | 0.02% Sodium Azide                                                                          |
| <b>Isotype</b>                 | IgG                                                                                         |
| <b>Purity</b>                  | Affinity purified                                                                           |
| <b>Buffer</b>                  | PBS (pH 7.3), 50% glycerol, 0.05% BSA                                                       |
| <b>Target Molecular Weight</b> | 66 kDa                                                                                      |

**Product Description**

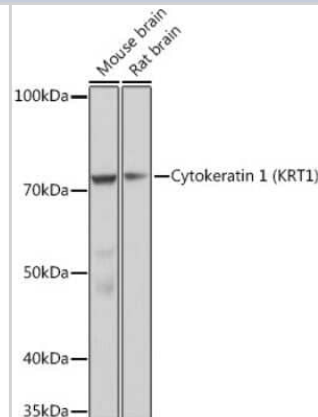
|                    |                                                                                                                                                                                                                                   |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Host</b>        | Rabbit                                                                                                                                                                                                                            |
| <b>Gene ID</b>     | 3848                                                                                                                                                                                                                              |
| <b>Gene Symbol</b> | KRT1                                                                                                                                                                                                                              |
| <b>Species</b>     | Human, Mouse, Rat                                                                                                                                                                                                                 |
| <b>Immunogen</b>   | A synthetic peptide corresponding to a sequence within amino acids 545-644 of human Cytokeratin 1 (P04264).<br>GGGGRGSYGS GSGSSYGS GGGSYGS GGGGGGHGSYGS GSSSGGYRGGSG<br>GGGGSSGGRGS GGGSSGGSIGGRGSSSGGVKSSGGSSSVKFVSTTYSYGV<br>TR |

**Product Application Details**

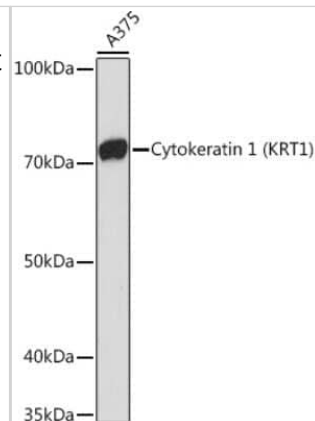
|                              |                                                                                                                                                                                                                                                                                         |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>          | Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry                                                                                                                                                                        |
| <b>Recommended Dilutions</b> | Western Blot 1:500 - 1:2000, ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements., Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/Immunofluorescence 1:200 - 1:2000, Immunohistochemistry-Paraffin |

**Images**

Western Blot: Cytokeratin 1 Antibody (10W8J6) [NBP3-16883] - Western blot analysis of extracts of various cell lines, using Cytokeratin 1 (KRT1) Rabbit mAb (NBP3-16883) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



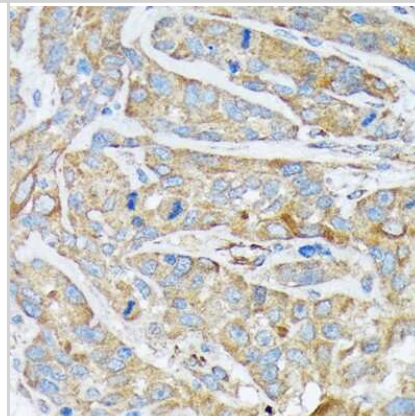
**Western Blot: Cytokeratin 1 Antibody (10W8J6) [NBP3-16883]** - Western blot analysis of extracts of A375 cells, using Cytokeratin 1 (KRT1) Rabbit mAb (NBP3-16883) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 3min.



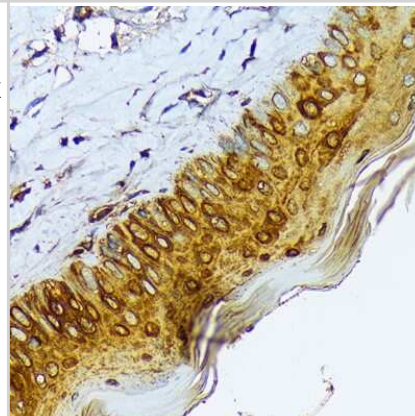
**Immunohistochemistry-Paraffin: Cytokeratin 1 Antibody (10W8J6) [NBP3-16883]** - Immunohistochemistry of paraffin-embedded rat skin using Cytokeratin 1 (KRT1) Rabbit mAb (NBP3-16883) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



**Immunohistochemistry-Paraffin: Cytokeratin 1 Antibody (10W8J6) [NBP3-16883]** - Immunohistochemistry of paraffin-embedded human esophageal cancer using Cytokeratin 1 (KRT1) Rabbit mAb (NBP3-16883) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



**Immunohistochemistry-Paraffin: Cytokeratin 1 Antibody (10W8J6) [NBP3-16883]** - Immunohistochemistry of paraffin-embedded mouse skin using Cytokeratin 1 (KRT1) Rabbit mAb (NBP3-16883) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.





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### **Products Related to NBP3-16883-100ul**

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|                    |                                                      |
|--------------------|------------------------------------------------------|
| HAF008             | Goat anti-Rabbit IgG Secondary Antibody [HRP]        |
| NB7160             | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]  |
| NBP2-24891         | Rabbit IgG Isotype Control                           |
| H00003848-Q01-10ug | Recombinant Human Cytokeratin 1 GST (N-Term) 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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