

# Product Datasheet

## Cytokeratin 18 Antibody (C-04) [Janelia Fluor® 646] NB500-306JF646

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB500-306JF646**

Cytokeratin 18 Antibody (C-04) [Janelia Fluor® 646]

| Product Information         |   |
|-----------------------------|---|
| Unit Size                   | 0.1 ml  |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.   |
| Storage                     | Store at 4C in the dark.  |
| Clonality                   | Monoclonal  |
| Clone                       | C-04  |
| Preservative                | 0.05% Sodium Azide  |
| Isotype                     | IgG1  |
| Conjugate                   | Janelia Fluor 646   |
| Purity                      | Protein A purified  |
| Buffer                      | 50mM Sodium Borate  |
| Product Description         |   |
| Host                        | Mouse   |
| Gene ID                     | 3875  |
| Gene Symbol                 | KRT18   |
| Species                     | Human, Mouse, Mammal  |
| Reactivity Notes            | Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions. |
| Marker                      | Epithelial Marker   |
| Specificity/Sensitivity     | The antibody C-04 reacts with Cytokeratin 18 (45 kDa), a member of intermediate filaments subfamily represented in epithelial tissues.  |
| Immunogen                   | Cytoskeleton preparation of epidermal carcinoma cell line A431.   |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.   |
| Product Application Details |   |
| Applications                | Western Blot, ELISA, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, CyTOF-ready   |
| Recommended Dilutions       | Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Flow (Intracellular), CyTOF-ready   |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.  |





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### **Products Related to NB500-306JF646**

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|                    |   |
|--------------------|---|
| NBP1-97005JF646    | Mouse IgG1 Isotype Control (MG1) [Janelia Fluor 646]  |
| H00003875-P02-10ug | Recombinant Human Cytokeratin 18 GST (N-Term) Protein |
| M6000B-1           | IL-6 [HRP]  |
| NBP2-75284         | Human Cytokeratin 18 ELISA Kit (Colorimetric)         |

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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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