

# Product Datasheet

## Cytokeratin 18 Antibody (KRT18/834) [DyLight 405] NBP2-47985V

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-47985V**

Cytokeratin 18 Antibody (KRT18/834) [DyLight 405]

| 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                       | KRT18/834   |
| Preservative                | 0.05% Sodium Azide  |
| Isotype                     | IgG1 Kappa  |
| Conjugate                   | DyLight 405   |
| Purity                      | Protein A or G purified   |
| Buffer                      | 50mM Sodium Borate  |
| Product Description         |   |
| Description                 | This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.   |
| 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                   | Recombinant full-length human Cytokeratin 18 protein (Uniprot: P05783)  |
| Notes                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.   |
| Product Application Details |   |
| Applications                | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready, Immunofluorescence   |
| Recommended Dilutions       | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunofluorescence, CyTOF-ready   |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.  |





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### Products Related to NBP2-47985V

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|                    |   |
|--------------------|---|
| NBP1-43319V-0.5ml  | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [DyLight 405] |
| 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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