

# Product Datasheet

## Cytokeratin 18 Antibody (KRT18/835) [DyLight 594] NBP2-47986DL594

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-47986DL594**

Cytokeratin 18 Antibody (KRT18/835) [DyLight 594]

| <b>Product Information</b>         |   |
|------------------------------------|---|
| <b>Unit Size</b>                   | 0.1 ml  |
| <b>Concentration</b>               | Please see the vial label for concentration. If unlisted please contact technical services.   |
| <b>Storage</b>                     | Store at 4C in the dark.  |
| <b>Clonality</b>                   | Monoclonal  |
| <b>Clone</b>                       | KRT18/835   |
| <b>Preservative</b>                | 0.05% Sodium Azide  |
| <b>Isotype</b>                     | IgG1 Kappa  |
| <b>Conjugate</b>                   | DyLight 594   |
| <b>Purity</b>                      | Protein A or G purified   |
| <b>Buffer</b>                      | 50mM Sodium Borate  |
| <b>Product Description</b>         |   |
| <b>Host</b>                        | Mouse   |
| <b>Gene ID</b>                     | 3875  |
| <b>Gene Symbol</b>                 | KRT18   |
| <b>Species</b>                     | Human, Bovine (Negative), Canine (Negative), Hamster (Negative), Porcine (Negative), Rat (Negative), Sheep (Negative)   |
| <b>Reactivity Notes</b>            | Does not react with Rat, Sheep, Hamster, Bovine, Canine or Porcine.   |
| <b>Marker</b>                      | Epithelial Marker   |
| <b>Specificity/Sensitivity</b>     | 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. |
| <b>Immunogen</b>                   | Recombinant full-length human Cytokeratin 18 protein (Uniprot: P05783)  |
| <b>Notes</b>                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.   |
| <b>Product Application Details</b> |   |
| <b>Applications</b>                | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array   |
| <b>Recommended Dilutions</b>       | Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Protein Array   |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.  |





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP2-47986DL594**

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|                    |   |
|--------------------|---|
| NBP1-43319DL594    | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [DyLight 594] |
| 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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