

# Product Datasheet

## Cytokeratin 8/18 Antibody (KRT8.18/4997R) [Alexa Fluor® 647]

**NBP3-20853AF647**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-20853AF647**

Cytokeratin 8/18 Antibody (KRT8.18/4997R) [Alexa Fluor® 647]

| <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>                   | KRT8.18/4997R  |
| <b>Preservative</b>            | 0.05% Sodium Azide   |
| <b>Isotype</b>                 | IgG Kappa  |
| <b>Conjugate</b>               | Alexa Fluor 647  |
| <b>Purity</b>                  | Protein A or G purified  |
| <b>Buffer</b>                  | 50mM Sodium Borate   |
| <b>Product Description</b>     |  |
| <b>Host</b>                    | Rabbit   |
| <b>Gene ID</b>                 | 3856   |
| <b>Gene Symbol</b>             | KRT8   |
| <b>Species</b>                 | Human  |
| <b>Specificity/Sensitivity</b> | This monoclonal antibody cocktail recognizes all simple epithelia including glandular epithelium, for example thyroid, female breast, gastrointestinal tract, respiratory tract, and urogenital tract including transitional epithelium All adenocarcinomas and most squamous carcinomas are positive but keratinizing squamous carcinomas are usually negative This antibody is useful in demonstrating the presence of Paget cells; there is very little keratin 18 in the normal epidermis so only Paget cells are stained Immunohistochemical staining with this monoclonal antibody is indistinguishable from that obtained with monoclonal antibody 5D3  |
| <b>Immunogen</b>               | Recombinant full-length human CK8 and CK8 proteins   |
| <b>Notes</b>                   | Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@lifetech.com">outlicensing@lifetech.com</a> . 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. |

| Product Application Details  |  |
|------------------------------|--|
| <b>Applications</b>          | Immunohistochemistry-Paraffin  |
| <b>Recommended Dilutions</b> | Immunohistochemistry-Paraffin  |
| <b>Application Notes</b>     | Optimal dilution of this antibody should be experimentally determined. |





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### **Products Related to NBP3-20853AF647**

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|             |  |
|-------------|--|
| 8184-CK-050 | Choline Kinase beta [Unconjugated]                     |
| NB300-223   | Vimentin Antibody                                      |
| MAB1368     | alpha-Fetoprotein/AFP Antibody (189502) [Unconjugated] |
| NBP2-29429  | Cytokeratin, pan Antibody (AE-1/AE-3)                  |

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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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