

# Product Datasheet

## Cytokeratin 8/18 Antibody (K8.8 + DC10) [DyLight 594] NBP2-34655DL594

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 10/23/2024 v.20.1

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**NBP2-34655DL594**

Cytokeratin 8/18 Antibody (K8.8 + DC10) [DyLight 594]

| 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               | K8.8 + DC10   |
| Preservative        | 0.05% Sodium Azide  |
| Isotype             | IgG1 Kappa/IgG1 Kappa   |
| Conjugate           | DyLight 594   |
| Purity              | Protein A or G purified   |
| Buffer              | 50mM Sodium Borate  |

| Product Description     |  |
|-------------------------|--|
| Host                    | Mouse  |
| Gene ID                 | 3856   |
| Gene Symbol             | KRT8   |
| Species                 | Human  |
| Specificity/Sensitivity | Cytokeratin 8 (CK8) belongs to the type II (or B or basic) subfamily of high molecular weight cytokeratins and exists in combination with cytokeratin 18 (CK18). 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. |
| Immunogen               | Keratin preparation from a human carcinoma (K8.8); PMC-42 human breast carcinoma cells (DC10)  |
| Notes                   | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.  |

| Product Application Details |  |
|-----------------------------|--|
| Applications                | Western Blot, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready |
| Recommended Dilutions       | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Flow (Intracellular), CyTOF-ready |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.   |



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**Products Related to NBP2-34655DL594**

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|             |  |
|-------------|--|
| 8184-CK-050 | Choline Kinase beta [Unconjugated]                     |
| MAB1368     | alpha-Fetoprotein/AFP Antibody (189502) [Unconjugated] |
| NB300-223   | Vimentin Antibody                                      |
| 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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