

Product Datasheet

Cytokeratin 8 Antibody (B22.1) [Janelia Fluor® 549] NBP3-11566JF549

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP3-11566JF549

Cytokeratin 8 Antibody (B22.1) [Janelia Fluor® 549]

| 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 | B22.1 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 Kappa |
| Conjugate | Janelia Fluor 549 |
| Purity | Protein A or G purified |
| Buffer | 50mM Sodium Borate |

| Product Description | |
|-------------------------|---|
| Host | Mouse |
| Gene ID | 3856 |
| Gene Symbol | KRT8 |
| Species | Human, Porcine, Bovine, Rabbit, Sheep, Chicken (Negative), Mouse (Negative), Rat (Negative), Xenopus (Negative) |
| Reactivity Notes | Does not react with Mouse, Rat, Chicken or xenopus laevis. |
| 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). CK8 is primarily found in the non-squamous epithelia and is present in majority of adenocarcinomas and ductal carcinomas. It is absent in squamous cell carcinomas. Hepatocellular carcinomas are defined by the use of antibodies that recognize only cytokeratin 8 and 18. CK8 exists on several types of normal and neoplastic epithelia, including many ductal and glandular epithelia such as colon, stomach, small intestine, trachea, and esophagus as well as in transitional epithelium. Anti-CK8 does not react with skeletal muscle or nerve cells. Epithelioid sarcoma, chordoma, and adamantinoma show strong positivity corresponding to that of simple epithelia (with antibodies against CK8, CK18 and CK19). Reportedly, anti-CK8 is useful for the differentiation of lobular ('ring-like, perinuclear') from ductal ('peripheral-predominant') carcinoma of the breast. |
| Immunogen | Cytoskeletal preparation from HeLa cells |
| Notes | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus. |

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





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Products Related to NBP3-11566JF549

| | |
|-------------|---|
| NBP2-23166 | Recombinant Human Cytokeratin 8 His Protein |
| 8184-CK-050 | Choline Kinase beta [Unconjugated] |
| NBL1-12397 | Cytokeratin 8 Overexpression Lysate |
| NB300-223 | Vimentin Antibody |

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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