

Product Datasheet

Cytokeratin 19 Antibody (KRT19/800) [Janelia Fluor® 549] NBP2-47946JF549

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-47946JF549

Cytokeratin 19 Antibody (KRT19/800) [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 | KRT19/800 |
| 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 | 3880 |
| Gene Symbol | KRT19 |
| Species | Human, Mouse, Rat |
| Marker | Pancreatic Stem Cell Marker |
| Specificity/Sensitivity | Recognizes a protein of 40kDa, identified as cytokeratin-19 (CK19), which is expressed in sweat gland, mammary gland ductal and secretory cells, bile ducts, gastrointestinal tract, bladder urothelium, oral epithelia, esophagus, and ectocervical epithelium. Anti-CK19 reacts with a wide variety of epithelial malignancies including adenocarcinomas of the colon, stomach, pancreas, biliary tract, liver, and breast. Perhaps the most useful application is the identification of thyroid carcinoma of the papillary type, although 50%-60% of follicular carcinomas are also labeled. Anti-CK19 is a useful marker for detection of tumor cells in lymph nodes, peripheral blood, bone marrow and breast cancer. |
| Immunogen | Recombinant full-length human Cytokeratin 19 protein. (Uniprot: P08727) |
| Notes | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus |
| Product Application Details | |
| Applications | Western Blot, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready, Immunofluorescence |
| Recommended Dilutions | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Flow (Intracellular), Immunofluorescence, CyTOF-ready |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |



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Products Related to NBP2-47946JF549

| | |
|---------------|--|
| NBP1-78278PEP | Cytokeratin 19 Antibody Blocking Peptide |
| 1129-ER-050 | ErbB2/Her2 [Unconjugated] |
| NB100-687PEP | Cytokeratin 19 Antibody Blocking Peptide |
| MAB1368 | alpha-Fetoprotein/AFP Antibody (189502) [Unconjugated] |

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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