

Product Datasheet

Cytokeratin 17 Antibody (KRT17/7155R) [Janelia Fluor® 646] NBP3-14108JF646

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP3-14108JF646

Cytokeratin 17 Antibody (KRT17/7155R) [Janelia Fluor® 646]

| 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 | KRT17/7155R |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG |
| Conjugate | Janelia Fluor 646 |
| Purity | Protein A or G purified |
| Buffer | 50mM Sodium Borate |

| Product Description | |
|-------------------------|--|
| Host | Rabbit |
| Gene ID | 3872 |
| Gene Symbol | KRT17 |
| Species | Human |
| Reactivity Notes | 0 |
| Marker | Basal Epithelial Marker |
| Specificity/Sensitivity | Cytokeratin 17 (CK17) is normally expressed in the basal cells of complex epithelia but not in stratified or simple epithelia. Antibody to CK17 is an excellent tool to distinguish myoepithelial cells from luminal epithelium of various glands such as mammary, sweat and salivary. CK17 is expressed in epithelial cells of various origins, such as bronchial epithelial cells and skin appendages. It may be considered as epithelial stem cell marker because CK17 Ab marks basal cell differentiation. CK17 is expressed in SCLC much higher than in LADC. Eighty-five percent of the triple negative breast carcinomas immunoreact with basal cytokeratins including anti-CK17. Also important is that cases of triple negative breast carcinoma with expression of CK17 show an aggressive clinical course. Additionally, anti-CK17 and anti-MUC1 immunoreactivity represents pancreaticobiliary subtype whereas anti-MUC2 and anti-CDX-2 positivity defines intestinal subtype. |
| Immunogen | Recombinant full-length human Cytokeratin 17 protein (Uniprot: Q04695) |
| Notes | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus. |

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





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Products Related to NBP3-14108JF646

| | |
|------------------|--|
| NBP2-24891JF646 | Rabbit IgG Isotype Control [Janelia Fluor 646] |
| NBP2-51594-0.1mg | Recombinant Human Cytokeratin 17 His Protein |
| 1503-SE-010 | Furin [Unconjugated] |
| H00003872-T01 | Cytokeratin 17 293T Cell Transient Overexpression Lysate |

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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