

Product Datasheet

Cytokeratin 8 Antibody (K8.8) [FITC] NBP2-34654F

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-34654F**Cytokeratin 8 Antibody (K8.8) [FITC]**

| 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 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 Kappa |
| Conjugate | FITC |
| Purity | Protein A or G purified |
| Buffer | PBS |
| Product Description | |
| Host | Mouse |
| Gene ID | 3856 |
| Gene Symbol | KRT8 |
| Species | Human, Rat (Negative) |
| Reactivity Notes | Does not react with Rat. |
| Specificity/Sensitivity | Epitope of this monoclonal antibody is located between aa343-357. 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 | Keratin preparation from a human carcinoma (Uniprot: P05787) |
| Product Application Details | |
| Applications | Western Blot, Simple Western, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready |
| Recommended Dilutions | Western Blot, Simple Western, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, CyTOF-ready |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |



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| | |
|-------------|--|
| NBP1-43319F | Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [FITC] |
| NBP2-23166 | Recombinant Human Cytokeratin 8 His Protein |
| 8184-CK-050 | Choline Kinase beta [Unconjugated] |
| NBL1-12397 | Cytokeratin 8 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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