

Product Datasheet

Cytokeratin 8 Antibody (AE3) [Alexa Fluor® 647] NB120-9287AF647

Unit Size: 0.1 ml

Store at 4C in the dark.

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NB120-9287AF647

Cytokeratin 8 Antibody (AE3) [Alexa Fluor® 647]

| 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 | AE3 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 |
| Conjugate | Alexa Fluor 647 |
| Purity | Protein A or G purified |
| Buffer | 50mM Sodium Borate |
| Product Description | |
| Host | Mouse |
| Gene ID | 3856 |
| Gene Symbol | KRT8 |
| Species | Human, Mouse, Rat, Bovine, Chicken, Primate, Rabbit |
| Reactivity Notes | Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions. |
| Marker | Epithelial Cell Marker |
| Specificity/Sensitivity | Recognizes most of the basic (Type II) keratins, HMW cytokeratins. It is broadly reactive and stains positively almost all epithelia and their neoplasms. AE3 reacts with all layers of epidermis (basal layer and above). The antibody is an excellent marker for distinguishing carcinomas from non-epithelial tumours. It has been used for studying the immunolocalisation of epidermal keratins, tissue distribution of keratins, various diseases of epidermis, oral mucosa and other epithelia and other epithelia development. |
| Immunogen | Human epidermal cells |



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| Product Application Details | |
|------------------------------------|---|
| Applications | Flow Cytometry, Immunohistochemistry-Frozen |
| Recommended Dilutions | Flow Cytometry, Immunohistochemistry-Frozen |

Publications

Rosdeutscher L, Li J, Luco AL et al. Chemoprevention activity of 25-hydroxyvitamin D in the MMTV-PyMT mouse model of breast cancer. *Cancer Prev Res Phila* 2014-12-02 [PMID: 25468832] (FLOW, Mouse)

Details:

This publication used the AF647 conjugated form of this antibody (NB120-9287AF647)





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Products Related to NB120-9287AF647

| | |
|-----------------|---|
| NBP1-97005AF647 | Mouse IgG1 Isotype Control (MG1) [Alexa Fluor® 647] |
| NB120-9287AF700 | Cytokeratin 8 Antibody (AE3) [Alexa Fluor® 700] |
| NBP2-23166 | Recombinant Human Cytokeratin 8 His Protein |
| 8184-CK-050 | Choline Kinase beta [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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