

Product Datasheet

Cytokeratin, pan Antibody (MonoPoly/7249R) [Alexa Fluor® 350] NBP3-14199AF350

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP3-14199AF350

Cytokeratin, pan Antibody (MonoPoly/7249R) [Alexa Fluor® 350]

| 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 | MonoPoly/7249R |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG Kappa |
| Conjugate | Alexa Fluor 350 |
| Purity | Protein A purified |
| Buffer | 50mM Sodium Borate |
| Product Description | |
| Host | Rabbit |
| Gene ID | 3848 |
| Gene Symbol | KRT1 |
| Species | Human |
| Reactivity Notes | Shows broad species reactivity. |
| Marker | Epithelial Marker |
| Specificity/Sensitivity | <p>MonoPoly antibodies are designed by pooling several monospecific, recombinant monoclonal antibodies against a target. MonoPoly antibodies are a kind of synthetic polyclonal antibodies that can be produced in unlimited quantity with a strict lot-to-lot consistency. These antibodies are highly specific with exquisite sensitivity and a single MonoPoly antibody can be used for a variety of applications. Twenty human keratins are resolved with two-dimensional gel electrophoresis into acidic (pI 6.0) subfamilies. This antibody cocktail recognizes acidic (Type I or LMW) and basic (Type II or HMW) cytokeratins, which 67kDa (CK1); 64kDa (CK3); 59kDa (CK4); 58kDa (CK5); 56kDa (CK6); 52kDa (CK8); 56.5kDa (CK10); 50kDa (CK14); 50kDa (CK15); 48kDa (CK16); 40kDa (CK19). Many studies have shown the usefulness of keratins as markers in cancer research and tumor diagnosis. It is a broad spectrum anti pan-cytokeratin antibody, which differentiates epithelial tumors from non-epithelial tumors e.g. squamous vs. adenocarcinoma of the lung, liver carcinoma, breast cancer, and esophageal cancer. It may be useful to characterize the source of various neoplasms and to study the distribution of cytokeratin containing cells in epithelia during normal development and during the development of epithelial neoplasms. This antibody stains cytokeratins present in normal and abnormal human tissues and has high sensitivity in the recognition of epithelial cells and carcinomas.</p> |
| Immunogen | Recombinant fragments and/or synthetic peptides of human Cytokeratin 76 and Cytokeratin 77 proteins (exact sequences are proprietary) |



Notes

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Product Application Details

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

Images

Cytokeratin, pan Antibody (MonoPoly/7249R) [Alexa Fluor® 350] [NBP3-14199AF350] - Vial of Alexa Fluor 350 conjugated antibody. Alexa Fluor 350 is optimally excited at 346 nm by the UV laser (350 or 355 nm) and has an emission maximum of 442 nm.





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Products Related to NBP3-14199AF350

| | |
|------------|--|
| DNST0 | Endostatin [HRP] |
| MAB1455 | Albumin Antibody (188835) [Unconjugated] - Serum |
| NB100-687 | Cytokeratin 19 Antibody - BSA Free |
| NBP2-16094 | Cytokeratin 8 Antibody - BSA Free |

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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