

Product Datasheet

Cytokeratin 5 Antibody (rKRT5/6969) [CoraFluor™ 1] NBP3-20712CL1

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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NBP3-20712CL1

Cytokeratin 5 Antibody (rKRT5/6969) [CoraFluor™ 1]

| 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. Do not freeze. |
| Clonality | Monoclonal |
| Clone | rKRT5/6969 |
| Preservative | No Preservative |
| Isotype | IgG2a Kappa |
| Conjugate | CoraFluor 1 |
| Purity | Protein A or G purified |
| Buffer | PBS |

| Product Description | |
|-------------------------|--|
| Description | <p>CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(TM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays.</p> <p>CoraFluor(TM) 1, amine reactive</p> <p>CoraFluor(TM) 1, thiol reactive</p> <p>For more information, please see our CoraFluor(TM) TR-FRET technology flyer.</p> |
| Host | Mouse |
| Gene ID | 3852 |
| Gene Symbol | KRT5 |
| Species | Human |
| Specificity/Sensitivity | Anti-cytokeratin 5 has been reported useful in the differential diagnosis of metastatic carcinoma in the pleura versus epithelioid mesothelioma. Almost all squamous cell carcinomas, half of transitional carcinomas, and many undifferentiated large cell carcinomas express. Anti-KRT5, along with anti-p63, affords a high sensitivity and specificity for squamous differentiation. Myoepithelial cells of the breast, glandular epithelia, and basal cells of the prostate are labeled with anti-KRT5. |
| Immunogen | Recombinant fragment (around aa 390-590) of human Cytokeratin 5 protein (exact sequence is proprietary) |
| Notes | CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254 |

| 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 NBP3-20712CL1

| | |
|------------------|---|
| NBP2-51653-0.1mg | Recombinant Human Cytokeratin 5 His Protein |
| 1129-ER-050 | ErbB2/Her2 [Unconjugated] |
| NBL1-12393 | Cytokeratin 5 Overexpression Lysate |
| NB100-309 | ATM Antibody (2C1) - Azide and 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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