

Product Datasheet

Cytokeratin 18 Antibody (C-04 (same as Ks18.04)) [CoraFluor™ 1] NBP3-11485CL1

Unit Size: 0.1 ml

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

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NBP3-11485CL1

Cytokeratin 18 Antibody (C-04 (same as Ks18.04)) [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 | C-04 (same as Ks18.04) |
| Preservative | No Preservative |
| Isotype | IgG1 Kappa |
| Conjugate | CoraFluor 1 |
| Purity | Protein A or G purified |
| Buffer | PBS |

| Product Description | |
|-------------------------|--|
| Description | 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(IM) 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. |
| Host | Mouse |
| Gene ID | 3875 |
| Gene Symbol | KRT18 |
| Species | Human, Mouse, Rat, Porcine, Bovine, Canine, Equine, Feline, Goat, Hamster, Ferret, Monkey, Sheep, Chicken (Negative), Xenopus (Negative) |
| Reactivity Notes | Marmoset Monkey. Does not react with Chicken or Xenopus. |
| Specificity/Sensitivity | This monoclonal antibody reacts with a wide variety of simple epithelia. It does not react with stratified squamous epithelia. It reacts with epithelial tumors of the gastrointestinal tract, lung, breast, pancreas, ovary, and thyroid. Cytokeratin 18, which belongs to the type A (acidic) subfamily of low molecular weight keratins, exists in combination with cytokeratin 8. It was reported that tissues from gastrointestinal tract are positive for both cytokeratin 8 and 18 but do not contain cytokeratin 14. Tissues from gastrointestinal tract, respiratory tract and urogenital tract, as well as endocrine and exocrine tissues and mesothelial cells are positive for cytokeratin 18. |
| Immunogen | Cytoskeletal preparation extracted from the human vulvar squamous carcinoma cell line A431 |
| 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 | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunofluorescence |



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





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Products Related to NBP3-11485CL1

| | |
|--------------------|---|
| H00003875-P01-10ug | Recombinant Human Cytokeratin 18 GST (N-Term) Protein |
| M6000B-1 | IL-6 [HRP] |
| NBP2-75284 | Human Cytokeratin 18 ELISA Kit (Colorimetric) |
| AF835 | Caspase-3 Antibody [Unconjugated] - Active |

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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