

# Product Datasheet

## Cytokeratin 4 Antibody (KRT4/2804) [CoraFluor™ 1] NBP3-08583CL1

Unit Size: 0.1 ml

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

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**NBP3-08583CL1**

Cytokeratin 4 Antibody (KRT4/2804) [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	KRT4/2804
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	3851
Gene Symbol	KRT4
Species	Human
Immunogen	Recombinant fragment (around aa 181-292) of human Cytokeratin 4 protein (exact sequence is proprietary) (Uniprot: P19013)
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	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array
Recommended Dilutions	Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Protein Array
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP3-08583CL1**

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H00003851-P01-10ug	Recombinant Human Cytokeratin 4 GST (N-Term) Protein
8184-CK-050	Choline Kinase beta [Unconjugated]
NBP2-10820	Cytokeratin 4 Overexpression Lysate
NBP2-29429	Cytokeratin, pan Antibody (AE-1/AE-3)

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### **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](http://www.novusbio.com/guarantee)

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