

Product Datasheet

Cytokeratin 8/18 Antibody (C-51) [CoraFluor™ 1] NBP3-11565CL1

Unit Size: 0.1 ml

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

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NBP3-11565CL1

Cytokeratin 8/18 Antibody (C-51) [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-51
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	3856
Gene Symbol	KRT8
Species	Human, Rat, Porcine, Bovine, Ferret (Negative), Monkey, Sheep, Chicken (Negative), Donkey (Negative), Mouse (Negative), Rabbit (Negative), Xenopus (Negative)
Reactivity Notes	Does not react with Mouse, Ferret, Rabbit, donkey, Chicken or Xenopus laevis. Rat reactivity reported in scientific literature (PMID: 28975767).
Specificity/Sensitivity	Cytokeratin 8 (CK8) belongs to the type II (or B or basic) subfamily of high molecular weight cytokeratins and exists in combination with cytokeratin 18 (CK18). This monoclonal antibody recognizes all simple epithelia including glandular epithelium, for example thyroid, female breast, gastrointestinal tract, respiratory tract, and urogenital tract including transitional epithelium. All adenocarcinomas and most squamous carcinomas are positive but keratinizing squamous carcinomas are usually negative. This antibody is useful in demonstrating the presence of Paget cells; there is very little keratin 18 in the normal epidermis so only Paget cells are stained.
Immunogen	Cytoskeleton preparation from HeLa cells
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



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 NBP3-11565CL1

8184-CK-050	Choline Kinase beta [Unconjugated]
MAB1368	alpha-Fetoprotein/AFP Antibody (189502) [Unconjugated]
NB300-223	Vimentin Antibody
NBP2-29429	Cytokeratin, pan Antibody (AE-1/AE-3)

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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