

Product Datasheet

Collagen IV alpha 1 Antibody (577238) [CoraFluor™ 1] FAB6308CL1

Unit Size: 0.1 ml

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

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FAB6308CL1

Collagen IV alpha 1 Antibody (577238) [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	577238
Preservative	No Preservative
Isotype	IgG1
Conjugate	CoraFluor 1
Purity	Protein A or G purified from hybridoma culture supernatant
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(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. CoraFluor(TM) 1, amine reactive CoraFluor(TM) 1, thiol reactive For more information, please see our CoraFluor(TM) TR-FRET technology flyer.
Host	Mouse
Gene ID	1282
Gene Symbol	COL4A1
Species	Human
Specificity/Sensitivity	Detects human Collagen IV α 1 in direct ELISAs. In direct ELISAs, no cross-reactivity with recombinant human Collagen I alpha 1, III alpha 1, XIII alpha 1v4, XXIII alpha 1, or recombinant mouse Collagen XXV alpha 1 is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Collagen IV α 1 Ser1441-Thr1669 Accession # P02462
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	Immunocytochemistry
Recommended Dilutions	Immunocytochemistry



Application Notes

Optimal dilution of this antibody should be experimentally determined.





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Products Related to FAB6308CL1

7754-BH-005/CF	TGF-beta 1 [Unconjugated]
11597-CL-050	Collagen IV alpha 1 [Unconjugated]
DVE00	VEGF [HRP]
NB600-408-0.1mg	Collagen I 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.

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

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