

Product Datasheet

Aldehyde Dehydrogenase 1-A1/ALDH1A1 Antibody (703410) [CoraFluor™ 1] FAB5869CL1

Unit Size: 0.1 ml

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

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FAB5869CL1

Aldehyde Dehydrogenase 1-A1/ALDH1A1 Antibody (703410) [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	703410
Preservative	No Preservative
Isotype	IgG2b
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	216
Gene Symbol	ALDH1A1
Species	Human
Specificity/Sensitivity	Detects human Aldehyde Dehydrogenase 1-A1/ALDH1-A1 in direct ELISAs and Western blots. In direct ELISAs, approximately 50% cross-reactivity with recombinant human Aldehyde Dehydrogenase 1-A2 is observed.
Immunogen	<i>E. coli</i> -derived recombinant human Aldehyde Dehydrogenase 1-A1/ALDH1-A1 Ser2-Ser501 Accession # P00352
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, Immunohistochemistry, CyTOF-reported, Immunocytochemistry
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunocytochemistry, CyTOF-reported



Application Notes

Optimal dilution of this antibody should be experimentally determined.



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Products Related to FAB5869CL1

NBP1-89152PEP	Aldehyde Dehydrogenase 1-A1/ALDH1A1 Recombinant Protein Antigen
1129-ER-050	ErbB2/Her2 [Unconjugated]
5869-DH-020	Aldehyde Dehydrogenase 1-A1/ALDH1A1 [Unconjugated]
AF1759	Oct-3/4 Antibody [Unconjugated]

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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