

Product Datasheet

Lgr5/GPR49 Antibody (803420) [CoraFluor™ 1] FAB8240CL1

Unit Size: 0.1 ml

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

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FAB8240CL1

Lgr5/GPR49 Antibody (803420) [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	803420
Preservative	No Preservative
Isotype	IgG2b
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(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	Rat
Gene ID	8549
Gene Symbol	LGR5
Species	Mouse
Specificity/Sensitivity	Detects mouse Lgr5/GPR49 in ELISA. Stains mouse Lgr5 transfected cells but not irrelevant transfectants in Flow Cytometry and Immunocytochemistry. This antibody, also known as "RD20", has been found to detect an epitope in C-terminal LRR cap of LGR5 (Ref. 1).
Immunogen	<i>E. coli</i> -derived recombinant mouse Lgr5/GPR49 Lys375-Pro547 Accession # Q9Z1P4
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, Agonist Activity, CyTOF-ready, Immunocytochemistry
Recommended Dilutions	Flow Cytometry, Agonist Activity, Immunocytochemistry, CyTOF-ready



Application Notes

Optimal dilution of this antibody should be experimentally determined.





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Products Related to FAB8240CL1

NBP1-28904PEP	Lgr5/GPR49 Antibody Blocking Peptide
DY413-05	IL-13 [Biotin]
8078-GP-050	Lgr5/GPR49 [Unconjugated]
7150-RS-025/CF	R-Spondin 1 [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.

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