

# Product Datasheet

## Integrin alpha 2/CD49b Antibody (235033) [CoraFluor™ 1] FAB1740CL1

Unit Size: 0.1 ml

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

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**FAB1740CL1**

Integrin alpha 2/CD49b Antibody (235033) [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	235033
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(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	Rat
Gene ID	3673
Gene Symbol	ITGA2
Species	Mouse
Specificity/Sensitivity	Detects mouse Integrin $\alpha$ 2/CD49b in direct ELISAs. In direct ELISAs, no cross-reactivity with recombinant mouse Integrin $\alpha$ 3, $\alpha$ 4, $\alpha$ 5, $\alpha$ E, or $\alpha$ V is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse Integrin $\alpha$ 2/CD49b Tyr27-Thr1129 Accession # Q62469
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, CyTOF-ready
Recommended Dilutions	Flow Cytometry, CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to FAB1740CL1**

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H00003673-Q01-10ug	Recombinant Human Integrin alpha 2/CD49b GST (N-Term) Protein
7268-CT-100	CTLA-4 [Unconjugated]
NBP3-39953	Human Integrin alpha 2/CD49b ELISA Kit (Colorimetric)
NBP1-91258	Fibronectin Antibody - BSA Free

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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.

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