

# Product Datasheet

## ALCAM/CD166 Antibody (200622) [CoraFluor™ 1] FAB1172CL1

Unit Size: 0.1 ml

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

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**FAB1172CL1**

ALCAM/CD166 Antibody (200622) [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	200622
Preservative	No Preservative
Isotype	IgG2a
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	214
Gene Symbol	ALCAM
Species	Mouse
Specificity/Sensitivity	Detects mouse ALCAM/CD166 in Western blots and direct ELISAs. In Western blots, shows 100% cross-reactivity with recombinant human (rh) ALCAM and no cross-reactivity with rhBCAM, rhEpCAM, recombinant mouse (rm) MAdCAM-1, rhMCAM, rmNCAM-L1, rmOCAM, or rmTROP-2.
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse ALCAM/CD166 Trp28-Lys527 Accession # AAC06342
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, CyTOF-ready
Recommended Dilutions	Western Blot, Flow Cytometry, CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to FAB1172CL1**

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NBP1-88129PEP	ALCAM/CD166 Recombinant Protein Antigen
DC140	CD14 [HRP]
7187-AL-100	ALCAM/CD166 [Unconjugated]
AF3628	CD31/PECAM-1 Antibody [Unconjugated]

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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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