

# Product Datasheet

## **PU.1/Spi-1 Antibody (732322) [CoraFluor™ 1] FAB5870CL1**

Unit Size: 0.1 ml

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

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**FAB5870CL1**

PU.1/Spi-1 Antibody (732322) [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	732322
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	Mouse
Gene ID	6688
Gene Symbol	SPI1
Species	Human
Specificity/Sensitivity	Detects human PU.1/Spi-1 in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant human (rh) Spi-B, recombinant mouse (rm) PU.1/Spi-1, or rmSpi-B is observed. In Western blots, approximately 25% cross-reactivity with rhSpi-B and rmPU.1/Spi-1 is observed.
Immunogen	<i>E. coli</i> -derived recombinant human PU.1/Spi-1 Met1-Lys169 Accession # NP_001074016
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, CyTOF-ready, Intracellular Staining by Flow Cytometry
Recommended Dilutions	Western Blot, Intracellular Staining by Flow Cytometry, CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to FAB5870CL1**

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NBP2-51976-0.05mg	Recombinant Human PU.1/Spi-1 His Protein
210-TA-005	TNF-alpha [Unconjugated]
NBP2-10658	PU.1/Spi-1 Overexpression Lysate
7954-GM-010/CF	GM-CSF [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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