

# Product Datasheet

## BTN2A2/Butyrophilin 2 Antibody [CoraFluor™ 1] AF4917CL1

Unit Size: 0.1 ml

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

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**AF4917CL1**

BTN2A2/Butyrophilin 2 Antibody [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	Polyclonal
Preservative	No Preservative
Isotype	IgG
Conjugate	CoraFluor 1
Purity	Antigen Affinity-purified
Buffer	PBS

Product Description	
Description	<p>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.</p> <p><a href="#">CoraFluor(TM) 1, amine reactive</a></p> <p><a href="#">CoraFluor(TM) 1, thiol reactive</a></p> <p>For more information, please see our <a href="#">CoraFluor(TM) TR-FRET technology flyer</a>.</p>
Host	Sheep
Gene ID	10385
Gene Symbol	BTN2A2
Species	Mouse
Specificity/Sensitivity	Detects mouse BTN2A2/Butyrophilin 2A2 in direct ELISAs and Western blots. In direct ELISAs and Western blots, less than 10% cross-reactivity with recombinant mouse (rm) BTN and rmBTNL2 is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse BTN2A2/Butyrophilin 2A2 Gln29-Ser219 Accession # A4QPC6.1
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
Recommended Dilutions	Western Blot
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to AF4917CL1**

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NBP2-14367PEP	BTN2A2/Butyrophilin 2 Recombinant Protein Antigen
H00010561-P01-10ug	Recombinant Human IFI44 GST (N-Term) Protein
8918-BT-050	BTN2A2/Butyrophilin 2 [Unconjugated]
H00008878-M01	p62/SQSTM1 Antibody (2C11) - Azide and 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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