

# Product Datasheet

**Common gamma Chain/IL-2 R gamma Antibody (633162)**

**[CoraFluor™ 1]**

**FAB2842CL1**

Unit Size: 0.1 ml

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

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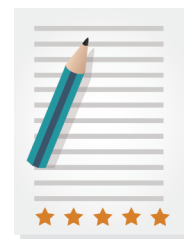
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**FAB2842CL1**

Common gamma Chain/IL-2 R gamma Antibody (633162) [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	633162
Preservative	No Preservative
Isotype	IgG2b
Conjugate	CoraFluor 1
Purity	Protein A or G 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	Mouse
Gene ID	3561
Gene Symbol	IL2RG
Species	Human
Specificity/Sensitivity	Detects human Common $\gamma$ Chain/IL-2 R $\gamma$ in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant human (rh) IL-2 R $\alpha$ , rhIL-2 R $\beta$ , rhIL-15 R $\alpha$ , recombinant mouse IL-2 R $\gamma$ , or recombinant canine IL-2 R $\alpha$ is observed. In Western blots, approximately 80% cross-reactivity with recombinant human IL-2 R $\beta$ , 50% cross-reactivity with rhIL-15 R $\alpha$ and recombinant mouse IL-2 R $\alpha$ , and no cross-reactivity with rhIL-2 R $\alpha$ is observed.
Immunogen	<i>S. frugiperda</i> insect ovarian cell line Sf21-derived recombinant human Common $\gamma$ Chain/IL-2 $\gamma$ Leu23-Asn254 Accession # P31785
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**

<b>Applications</b>	Flow Cytometry, CyTOF-ready, Neutralization
<b>Recommended Dilutions</b>	Flow Cytometry, Neutralization, CyTOF-ready
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to FAB2842CL1**

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6507-IL-010/CF	IL-4 [Unconjugated]
384-RG-050	Common gamma Chain/IL-2 R gamma [Unconjugated]
202-IL-010	IL-2 [Unconjugated]
247-ILB-005	IL-15 [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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