

# Product Datasheet

## Intelectin-2 Antibody (747421) [CoraFluor™ 1] FAB5358CL1

Unit Size: 0.1 ml

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

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**FAB5358CL1**

Intelectin-2 Antibody (747421) [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	747421
Preservative	No Preservative
Isotype	IgG1
Conjugate	CoraFluor 1
Purity	Protein A or G purified from hybridoma culture supernatant
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	Rat
Gene ID	142683
Gene Symbol	Itlnb
Species	Mouse
Specificity/Sensitivity	Detects mouse Intelectin-2 in direct ELISAs and Western blots. In direct ELISAs and Western blots, 100% cross-reactivity with recombinant mouse (rm) Intelectin-1 is observed. In direct ELISAs, approximately 25% cross-reactivity with recombinant human (rh) Intelectin-2 is observed, and approximately 15% cross-reactivity with rhIntelectin-1 is observed.
Immunogen	<i>E. coli</i> -derived recombinant mouse Intelectin-2 Ala20-Ser298 Accession # Q80ZA0
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, Immunohistochemistry
Recommended Dilutions	Western Blot, Immunohistochemistry

## Application Notes

Optimal dilution of this antibody should be experimentally determined.

## Images

CoraFluor™ 1, amine reactive (Catalog:7920) and CoraFluor™ 2, amine reactive (Catalog # 7950) are terbium-based probes that have been developed for use as TR-FRET donors. They emit wavelengths compatible with commonly used fluorescent acceptor dyes such as BODIPY® (or BDY) and Janelia Fluor® dyes, FITC (Catalog # 5440), TMR and Cyanine 5 (Catalog # 5436). CoraFluor™ fluorescence is brighter and more stable in biological media than existing TR-FRET donors, leading to enhanced sensitivity and improved data generation. CoraFluor™ 1 exhibits excitation upon exposure to a 337 nm UV laser.





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### **Products Related to FAB5358CL1**

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6507-IL-010/CF	IL-4 [Unconjugated]
NBP2-81147	Human Intelectin-2 ELISA Kit (Colorimetric)
NBP1-19371	CD4 Antibody - BSA Free
NBP2-15196-0.1mg	MUC5AC Antibody (45M1)

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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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