

# Product Datasheet

## **B7-2/CD86 Antibody (37301) [CoraFluor™ 1] FAB141CL1**

Unit Size: 0.1 ml

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

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**FAB141CL1**

B7-2/CD86 Antibody (37301) [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	37301
Preservative	No Preservative
Isotype	IgG1
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	942
Gene Symbol	CD86
Species	Human
Specificity/Sensitivity	Detects human B7 $\alpha$ /CD86 in direct ELISAs and Western blots. In direct ELISAs, no cross-reactivity with recombinant human (rh) B7-1, recombinant mouse B7-2, recombinant rat B7-2, rhB7-H1, rhB7-H2, rhB7-H3, rhB7-H3b, rhB7-H4, or rhB7-L2 is observed.
Immunogen	<i>S. frugiperda</i> insect ovarian cell line Sf 21-derived recombinant human B7 $\alpha$ /CD86 Ala23-His244 Accession # P42081
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, Knockout Validated, Neutralization
Recommended Dilutions	Western Blot, Flow Cytometry, Neutralization, CyTOF-ready, Knockout Validated
Application Notes	Optimal dilution of this antibody should be experimentally determined.



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### **Products Related to FAB141CL1**

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NBP2-77486-50ug	Recombinant Human B7-2/CD86 His Protein
210-TA-005	TNF-alpha [Unconjugated]
9090-B2-100	B7-2/CD86 [Unconjugated]
M6000B-1	IL-6 [HRP]

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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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