

# Product Datasheet

## Integrin alpha 2b beta 3 Antibody (10E5) [CoraFluor™ 1] NBP2-81080CL1

Unit Size: 0.1 ml

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

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**NBP2-81080CL1**

Integrin alpha 2b beta 3 Antibody (10E5) [CoraFluor™ 1]

Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	10E5
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG Kappa
<b>Conjugate</b>	CoraFluor 1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS

Product Description	
<b>Description</b>	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.
<b>Host</b>	Rabbit
<b>Gene ID</b>	3674
<b>Gene Symbol</b>	ITGA2B
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	The antibody binds to Integrin alpha 2b beta 3 with an affinity (Kd) of 16.2+-6 nM. The antibody completely inhibits platelet aggregation at 7.8 ug/ml.
<b>Immunogen</b>	Human blood platelets.
<b>Notes</b>	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>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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### **Products Related to NBP2-81080CL1**

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210-TA-005	TNF-alpha [Unconjugated]
7148-A2-025	Integrin alpha 2b beta 3 [Unconjugated]
M6000B-1	IL-6 [HRP]
288-TPN-025/CF	Thrombopoietin/THPO [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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