

# Product Datasheet

## EphB2 Antibody (512013) [CoraFluor™ 1] FAB4672CL1

Unit Size: 0.1 ml

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

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# FAB4672CL1

EphB2 Antibody (512013) [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	512013
Preservative	No Preservative
Isotype	IgG1
Conjugate	CoraFluor 1
Purity	Protein A or G purified from hybridoma culture supernatant
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(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.  <a href="#">CoraFluor(TM) 1, amine reactive</a>  <a href="#">CoraFluor(TM) 1, thiol reactive</a>  For more information, please see our <a href="#">CoraFluor(TM) TR-FRET technology flyer</a> .
Host	Rat
Gene ID	2048
Gene Symbol	EPHB2
Species	Mouse
Specificity/Sensitivity	Detects mouse EphB2 in direct ELISAs and Western blots. In direct ELISAs, 100% cross-reactivity with recombinant human EphB2 is observed. In Western blots, no cross-reactivity with recombinant human EphB2 is observed. In direct ELISAs and Western blots, no cross-reactivity with recombinant mouse (rm) EphA1, 2, 3, 4, 5, 6, 7, 8, rmEphB4, 6, recombinant human EphA10, recombinant rat (rr) EphA10, or rrEphB1 is observed.
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse EphB2 Val27-Lys548 Accession # P54763
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>	Western Blot, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot, Immunohistochemistry
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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## Products Related to FAB4672CL1

NBP2-56605PEP	EphB2 Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
467-B2-200	EphB2 [Unconjugated]
NBP2-22203	ERK1 Antibody (1E5)

## 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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