

# Product Datasheet

## TGN46 Antibody [CoraFluor™ 1] NBP1-49643CL1

Unit Size: 0.1 ml

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

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**NBP1-49643CL1**

TGN46 Antibody [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	Polyclonal
Preservative	No Preservative
Isotype	IgG
Conjugate	CoraFluor 1
Purity	Immunogen affinity 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	Rabbit
Gene ID	10618
Gene Symbol	TGOLN2
Species	Human, Bovine, Monkey
Reactivity Notes	Monkey reactivity reported in scientific literature (PMID: 30135710). Bovine reactivity reported in scientific literature (PMID: 30135710).
Marker	TGN Marker
Immunogen	Partial recombinant protein made to an internal region of the human TGN46 protein (within residues 200-350). [Swiss-Prot: O43493]
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, Flow (Intracellular), Immunoblotting, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Knockout Validated
Recommended Dilutions	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunoblotting, Flow (Intracellular), Knockout Validated
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP1-49643CL1**

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H00010618-Q01-10ug	Recombinant Human TGN46 GST (N-Term) Protein
2914-HT-100MG	Holo-Transferrin [Unconjugated]
NBP3-38677	Human TGN46 - Ready-To-Use ELISA Kit (Colorimetric)
NBP2-53420	GM130/GOLGA2 Antibody - BSA Free

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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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