

Product Datasheet

Thioredoxin Reductase 1/TRXR1 Antibody (489804)

[CoraFluor™ 1]

FAB7428CL1

Unit Size: 0.1 ml

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

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FAB7428CL1

Thioredoxin Reductase 1/TRXR1 Antibody (489804) [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	489804
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	7296
Gene Symbol	TXNRD1
Species	Human, Mouse, Rat
Specificity/Sensitivity	Detects mouse Thioredoxin Reductase 1/TRXR1 in direct ELISAs and human, mouse, and rat Thioredoxin Reductase 1/TRXR1 in Western blots.
Immunogen	<i>E. coli</i> -derived recombinant mouse Thioredoxin Reductase 1/TRXR1 Met1-Ile497 Accession # Q16881
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, CyTOF-ready, Intracellular Staining by Flow Cytometry
Recommended Dilutions	Western Blot, Intracellular Staining by Flow Cytometry, CyTOF-ready
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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Products Related to FAB7428CL1

NBP1-44456	Recombinant Human Thioredoxin Reductase 1/TRXR1 His Protein
DY417-05	IL-10 [Biotin]
NBP1-44981	Recombinant E. coli Thioredoxin Reductase 1/TRXR1 Protein
NB300-109	Tyrosine Hydroxylase Antibody

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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