

Product Datasheet

Peroxiredoxin 2 Antibody (477719) [CoraFluor™ 1] FAB3489CL1

Unit Size: 0.1 ml

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

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FAB3489CL1

Peroxiredoxin 2 Antibody (477719) [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	477719
Preservative	No Preservative
Isotype	IgG2a
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. CoraFluor(TM) 1, amine reactive CoraFluor(TM) 1, thiol reactive For more information, please see our CoraFluor(TM) TR-FRET technology flyer.
Host	Mouse
Gene ID	7001
Gene Symbol	PRDX2
Species	Human, Mouse, Rat
Specificity/Sensitivity	Detects human, mouse, and rat Peroxiredoxin 2 in Western blots. In Western blots, approximately 25%-40% cross-reactivity with recombinant human (rh) Peroxiredoxin 1 and 4 is observed, and less than 10% cross-reactivity with rhPeroxiredoxin 3, 5, and 6 is observed. In direct ELISAs, approximately 15%-25% cross-reactivity with rhPeroxiredoxin 1 and 4 is observed, and less than 5% cross-reactivity with rhPeroxiredoxin 3, 5, or 6 is observed.
Immunogen	<i>E. coli</i>-derived recombinant human Peroxiredoxin 2 Met1-Asn198 Accession # P32119
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
Recommended Dilutions	Western Blot
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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Products Related to FAB3489CL1

NBP2-52150-0.1mg	Recombinant Rat Peroxiredoxin 2 His Protein
210-TA-005	TNF-alpha [Unconjugated]
DY3489-05	Peroxiredoxin 2 [Biotin]
DVE00	VEGF [HRP]

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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