

Product Datasheet

Myelin PLP Antibody (PLP1/4259) [CoraFluor™ 1] NBP3-08534CL1

Unit Size: 0.1 ml

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

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NBP3-08534CL1

Myelin PLP Antibody (PLP1/4259) [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	PLP1/4259
Preservative	No Preservative
Isotype	IgG2a
Conjugate	CoraFluor 1
Purity	Protein A or G purified
Buffer	PBS

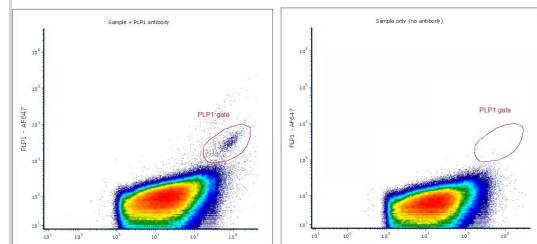
Product Description	
Description	CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 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	5354
Gene Symbol	PLP1
Species	Human, Mouse, Rat, Bovine, Reptile
Reactivity Notes	Tenerife Lizard
Immunogen	Synthetic peptide GRGTKF that recognizes the C terminal region (aa272-277) of Myelin PLP protein. (Uniprot: P60201)
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	Flow Cytometry, Immunohistochemistry-Paraffin
Recommended Dilutions	Flow Cytometry Validated for Flow Cytometry from a verified customer review., Immunohistochemistry-Paraffin
Application Notes	Optimal dilution of this antibody should be experimentally determined.



Images

Flow Cytometry: Myelin PLP Antibody (PLP1/4259) [CoraFluor™ 1] [NBP3-08534CL1] - Total extracellular vesicles with Myelin PLP Antibody (PLP1/4259) [Alexa Fluor® 647] (Catalog # NBP3-08534AF647) (left). Gate determined vesicles positive for PLP1 antibody ranging from 500-800nm size. Image on the right represents the same sample without antibody. 10ul of pre-isolated extracellular vesicles were incubated with 2ul of Myelin PLP Antibody (PLP1/4259) [Alexa Fluor® 647] , during 20 minutes at room temperature, and analyzed in nanoscale flow cytometer able to resolve particles scattering as little as 100um. Image from a verified customer review.





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Products Related to NBP3-08534CL1

H00005354-Q01-10ug	Recombinant Human Myelin PLP GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]
NBP3-00412	Human Myelin PLP ELISA Kit (Colorimetric)
6507-IL-010/CF	IL-4 [Unconjugated]

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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