

Product Datasheet

ROR gamma/RORC/NR1F3 Antibody (RORC/2942)

[CoraFluor™ 1]

NBP3-08321CL1

Unit Size: 0.1 ml

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

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NBP3-08321CL1

ROR gamma/RORC/NR1F3 Antibody (RORC/2942) [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	RORC/2942
Preservative	No Preservative
Isotype	IgG2a Kappa
Conjugate	CoraFluor 1
Purity	Protein A or G purified
Buffer	PBS
Product Description	
Description	<p>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.</p> <p>CoraFluor(TM) 1, amine reactive</p> <p>CoraFluor(TM) 1, thiol reactive</p> <p>For more information, please see our CoraFluor(TM) TR-FRET technology flyer.</p>
Host	Mouse
Gene ID	6097
Gene Symbol	RORC
Species	Human
Specificity/Sensitivity	<p>This monoclonal antibody recognizes a protein of 63kDa, identified as ROR-C. Its epitope maps in between aa1-50. The nuclear orphan receptors ROR and ROR are members of the nuclear hormone receptor superfamily. Members of this family act by directly associating with DNA sequences known as hormone response elements (HREs) and typically bind DNA as either homo- or heterodimers. RORalpha and RORgamma are unique in that they bind DNA as monomers. RORalpha has multiple isoforms that share common DNA and putative ligand-binding domains, but differ in their amino terminal domains, which are generated by alternative RNA processing. RORgamma comprises a 560 amino acid protein that shares 50% amino acid identity with RORalpha and is most highly expressed in skeletal muscle. Although these proteins are considered orphan receptors, due to a lack of defined ligands, experimental evidence has shown that melatonin may be the natural ligand for these nuclear receptors.</p>
Immunogen	Recombinant full-length human ROR gamma/RORC/NR1F3 protein (Uniprot: P51449)



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
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Product Application Details	
Applications	ELISA, Protein Array
Recommended Dilutions	ELISA, Protein Array
Application Notes	Optimal dilution of this antibody should be experimentally determined.





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Products Related to NBP3-08321CL1

H00006097-Q01-10ug	Recombinant Human ROR gamma/RORC/NR1F3 GST (N-Term) Protein
M6000B-1	IL-6 [HRP]
NBL1-15482	ROR gamma/RORC/NR1F3 Overexpression Lysate
DY421-05	IL-17/IL-17A [Biotin]

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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