

# Product Datasheet

## **ROR gamma/RORC/NR1F3 Antibody (RORC/2941) [Alexa Fluor® 405] NBP3-08314AF405**

Unit Size: 100 ul

Store at 4C in the dark.

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**NBP3-08314AF405**

ROR gamma/RORC/NR1F3 Antibody (RORC/2941) [Alexa Fluor® 405]

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	RORC/2941
Preservative	0.05% Sodium Azide
Isotype	IgG2a Kappa
Conjugate	Alexa Fluor 405
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
Product Description	
Host	Mouse
Gene ID	6097
Gene Symbol	RORC
Species	Human
Specificity/Sensitivity	This monoclonal antibody recognizes a protein of 63kDa, identified as ROR-C. Its epitope maps in between aa1-50. The nuclear orphan receptors 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.
Immunogen	Recombinant full-length human ROR gamma/RORC/NR1F3 protein (Uniprot: P51449)

**Notes**

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**Product Application Details**

<b>Applications</b>	Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Protein Array
<b>Recommended Dilutions</b>	Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Protein Array
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.

**Images**

ROR gamma/RORC/NR1F3 Antibody (RORC/2941) [Alexa Fluor® 405] [NBP3-08314AF405] - Vial of Alexa Fluor 405 conjugated antibody. Alexa Fluor 405 is optimally excited at 401 nm by the Violet laser (405 nm) and has an emission maximum of 421 nm.





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### **Products Related to NBP3-08314AF405**

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NBP1-96981AF405	Mouse IgG2a Kappa Isotype Control (M2AK) [Alexa Fluor® 405]
H00006097-Q01-10ug	Recombinant Human ROR gamma/RORC/NR1F3 GST (N-Term) Protein
D6050	IL-6 [HRP]
NBL1-15482	ROR gamma/RORC/NR1F3 Overexpression Lysate

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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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