

# Product Datasheet

## **ROR gamma/RORC/NR1F3 Antibody (RORC/2942) [Alexa Fluor® 594] NBP3-08321AF594**

Unit Size: 100 ul

Store at 4C in the dark.

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**NBP3-08321AF594**

ROR gamma/RORC/NR1F3 Antibody (RORC/2942) [Alexa Fluor® 594]

| 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/2942   |
| Preservative            | 0.05% Sodium Azide  |
| Isotype                 | IgG2a Kappa   |
| Conjugate               | Alexa Fluor 594   |
| 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 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. |
| Immunogen               | Recombinant full-length human ROR gamma/RORC/NR1F3 protein (Uniprot: P51449)  |



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|--------------|--|
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| <b>Product Application Details</b> |  |
|------------------------------------|--|
| <b>Applications</b>                | ELISA, Protein Array   |
| <b>Recommended Dilutions</b>       | ELISA, Protein Array   |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined. |



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### **Products Related to NBP3-08321AF594**

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|                    |   |
|--------------------|---|
| NBP1-96981AF594    | Mouse IgG2a Kappa Isotype Control (M2AK) [Alexa Fluor® 594] |
| 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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