

## DESCRIPTION

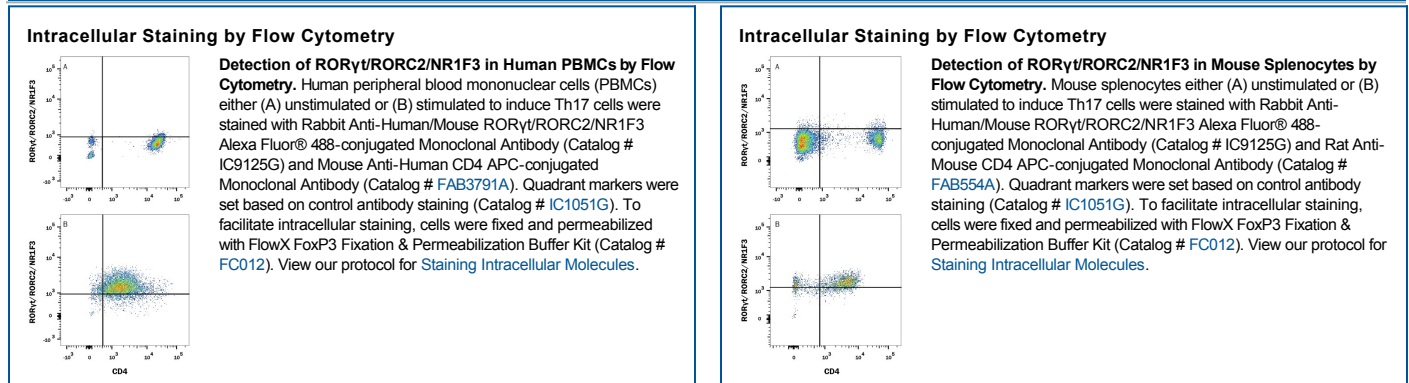
<b>Species Reactivity</b>	Human/Mouse
<b>Specificity</b>	Detects recombinant human ROR $\gamma$ t/RORC2/NR1F3 by direct ELISAs and detects human and mouse ROR $\gamma$ t/RORC2/NR1F3 in flow cytometry.
<b>Source</b>	Recombinant Monoclonal Rabbit IgG Clone # 1181A
<b>Purification</b>	Protein A or G purified from cell culture supernatant
<b>Immunogen</b>	<i>E. coli</i> -derived recombinant human ROR $\gamma$ t/RORC2/NR1F3 Met1-Gln100 Accession # P51449
<b>Conjugate</b>	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
<b>Formulation</b>	Supplied in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details.  *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

## APPLICATIONS

**Please Note:** Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

	Recommended Concentration	Sample
Intracellular Staining by Flow Cytometry	5 $\mu$ L/10 <sup>6</sup> cells	See Below

## DATA



## PREPARATION AND STORAGE

<b>Shipping</b>	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
<b>Stability &amp; Storage</b>	<b>Protect from light. Do not freeze.</b> <ul style="list-style-type: none"> <li>● 12 months from date of receipt, 2 to 8 °C as supplied.</li> </ul>

## BACKGROUND

Retinoic acid-related Orphan Receptor gamma (ROR $\gamma$ , TOR, RORC; NR1F3) is a member of the orphan nuclear receptor family. ROR $\gamma$  is expressed in the muscle, thymus, testis, pancreas, prostate, heart, and liver. ROR $\gamma$  plays a role in thymocyte development and homeostasis. RORs bind to DNA as monomers on half-site elements with 5' A/T-rich extensions. An N-terminal isoform of ROR $\gamma$ , ROR $\gamma$ t, has been shown to be specifically expressed in the thymus.

## PRODUCT SPECIFIC NOTICES

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