

DESCRIPTION

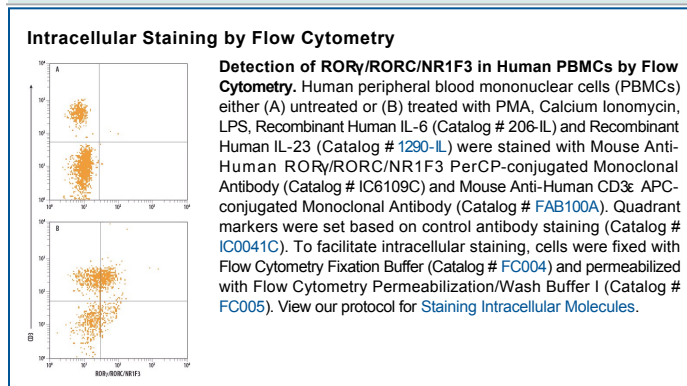
Species Reactivity	Human
Specificity	Detects human and mouse ROR γ /RORC/NR1F3 in Western blots.
Source	Monoclonal Mouse IgG _{2B} Clone # 600214
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	<i>E. coli</i> -derived recombinant human ROR γ /RORC/NR1F3 Met1-Gln100 Accession # P51449-2
Conjugate	PerCP (Peridinin-chlorophyll Protein Complex) Excitation Wavelength: 482 and 564 nm Emission Wavelength: 675 nm
Formulation	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	10 μ L/10 ⁶ cells	See Below

DATA



PREPARATION AND STORAGE

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

BACKGROUND

ROR γ (Nuclear receptor ROR-gamma), also called RORC and NR1F3, is a member of the NR1 nuclear hormone receptor family. ROR γ is a DNA binding transcription factor. ROR γ is 518 amino acids (aa) in length. Deletion in mice implicates ROR γ as being essential for lymphoid organogenesis and controlling apoptosis during thymopoiesis. Two splice forms differing in the first 24 aa have been found for this gene; isoform 2 deletes aa 1-21 resulting in an alteration of aa 22-24. Over aa 1-100 human RORC shares 96% identity with mouse ROR γ .