

## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB10749 - Goat Anti-RORC (aa200-212) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** RORC, RAR-related orphan receptor C, MGC129539, NR1F3, RORG, RZR-GAMMA, RZRG, TOR, RAR-related orphan receptor C, isoform a, nuclear receptor ROR-gamma, nuclear receptor RZR-gamma, nuclear receptor subfamily 1 group F member 1

**Official Symbol:** RORC

**Accession Number(s):** NP\_005051.2; NP\_001001523.1

**Human GeneID(s):** [6097](#)

**Non-Human GeneID(s):** 19885 (mouse)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_005051.2; NP\_001001523.1).

### Immunogen

Peptide with sequence CHLEYSPEKGAEE, from the internal region of the protein sequence according to NP\_005051.2; NP\_001001523.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:16000.

**Western blot:** Approx 55-60kDa band observed in Human Colon, Liver and Testis lysates (calculated MW of 55.8kDa according to NP\_001001523.1 and 58.2kDa according to NP\_005051.2). Recommended concentration: 0.01-0.1µg/ml. Primary incubation 1 hour at room temperature.

**Immunofluorescence:** Strong expression of the protein seen in U2OS cells.

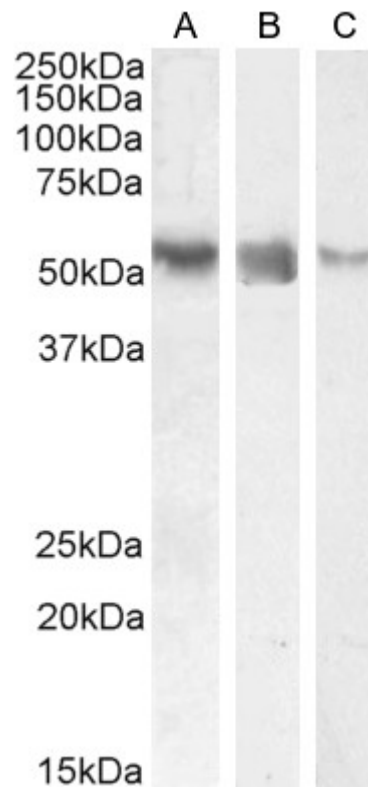
Recommended concentration: 10µg/ml.

**Flow Cytometry:** Flow cytometric analysis of HeLa cells. Recommended concentration: 10µg/ml.

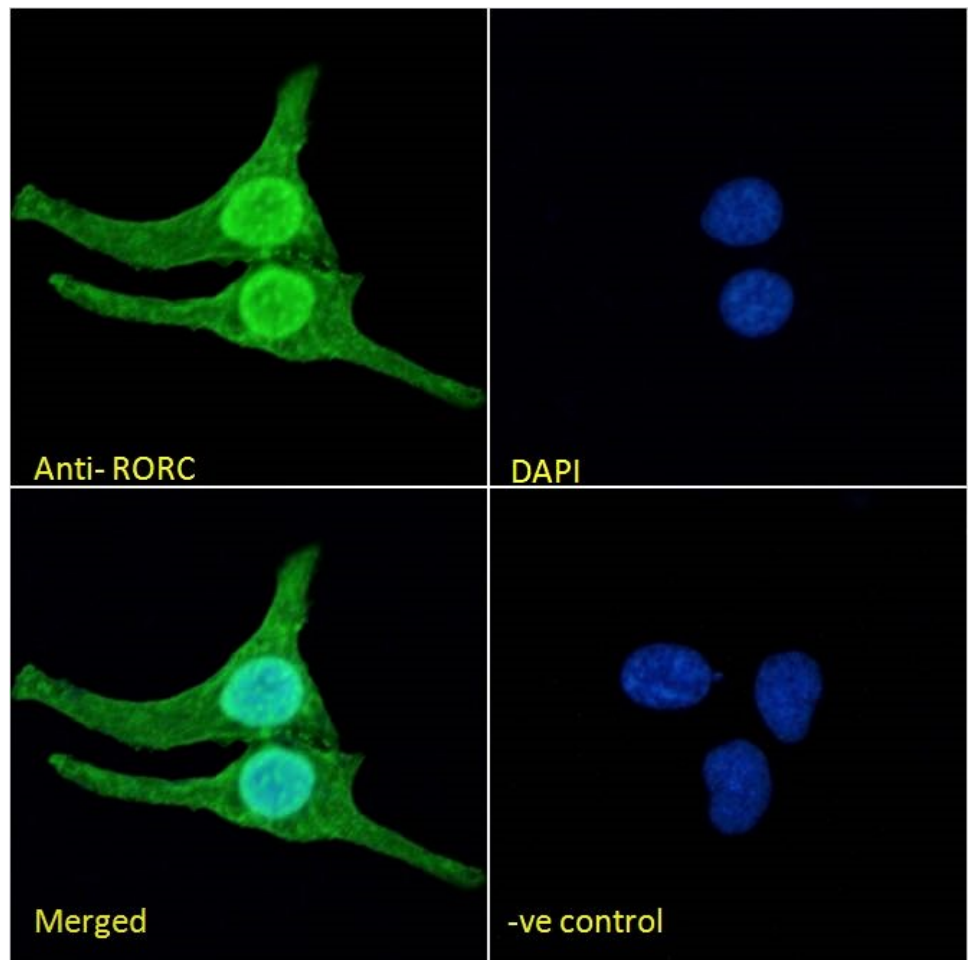
### Species Reactivity

**Tested:** Human

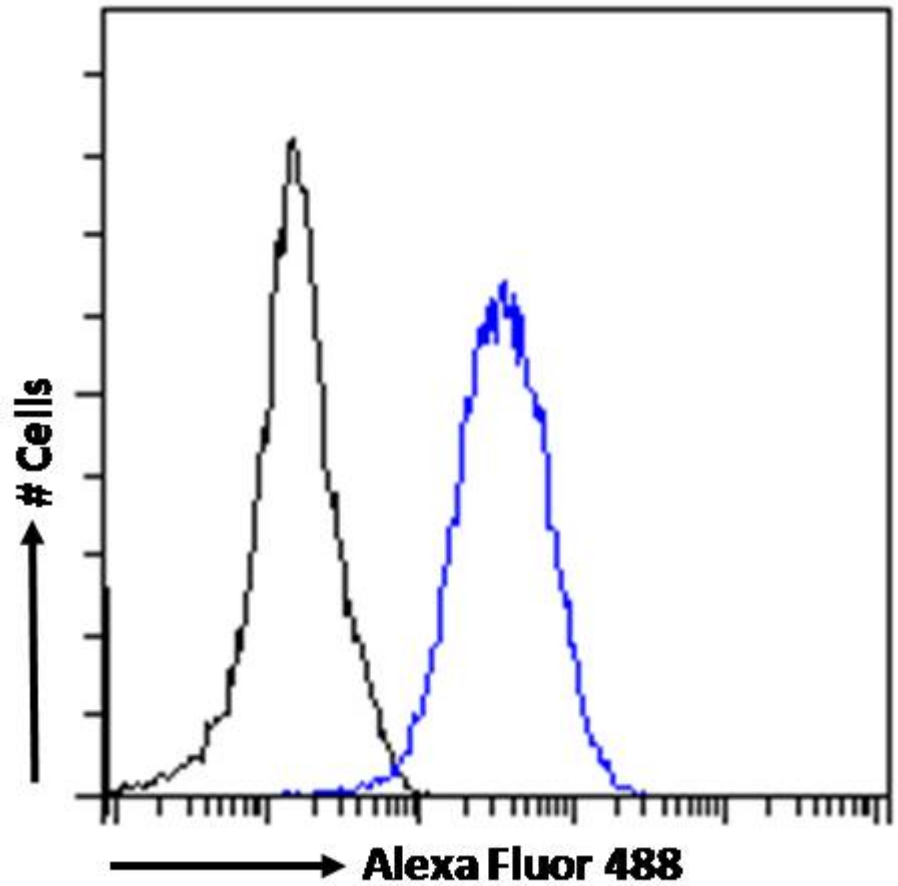
**Expected from sequence similarity:** Human, Mouse, Dog, Cow



EB10749 (0.1  $\mu\text{g/ml}$ ) staining of Human Colon (A), (0.03  $\mu\text{g/ml}$ ) Liver (B) and (0.01  $\mu\text{g/ml}$ ) Testes (C) lysate (35  $\mu\text{g}$  protein in RIPA buffer). Detected by chemiluminescence.



EB10749 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear, cytoplasmic and plasma membrane staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB10749 Flow cytometric analysis of paraformaldehyde fixed HeLa cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.