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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 me

Official Symbol: RORC

Accession Number(s): NP_005051.2; NP_001001523.1

Human GeneID(s): 6097

Non-Human GenelD(s): 19885 (mouse)

Important Comments: This antibody is expected to recognize both reported isoforms

(NP_005051.2; NP_001001523.1).

Immunogen

Peptide with sequence CHLEYSPERGKAE, 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: 0.01-0.1ug/ml. Primary incubation 1 hour at room temperature.

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

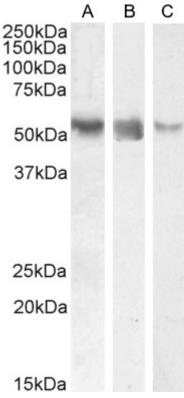
Recommended concentration: 10µg/ml.

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

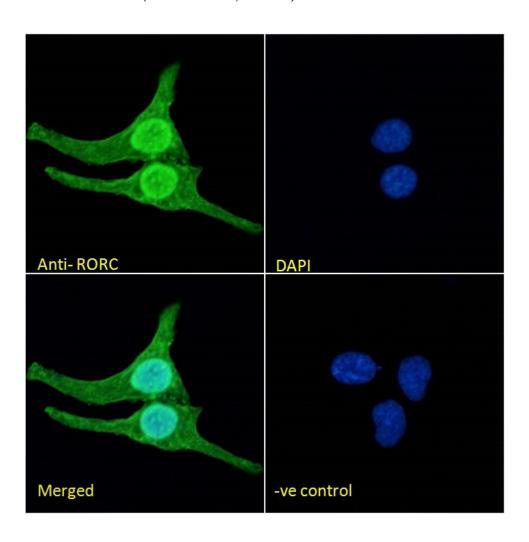
Species Reactivity

Tested: Human

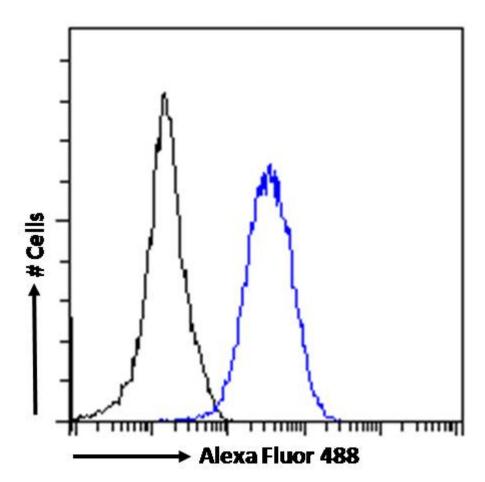
Expected from sequence similarity: Human, Mouse, Dog, Cow



EB10749 (0.1μg/ml) staining of Human Colon (A), (0.03ug/ml) Liver (B) and (0.01ug/ml) Testes (C) lysate (35μg 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.