

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB09854 - Goat Anti-OXT (mouse) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: OT, OTTMUSP00000016535, Oxy, oxytocin, Oxt

Official Symbol: Oxt

Accession Number(s): NP_035155.1

Non-Human GenelD(s): 18429 (mouse), 25504 (rat)

Immunogen

Peptide with sequence DGCRTDPACDPES, from the C-Terminus (near) of the protein sequence according to NP_035155.1.

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 1:8000.

Immunofluorescence: Strong expression of the protein seen in the cytoplasm and

membranes of NIH3T3 cells. Recommended concentration: 10µg/ml.

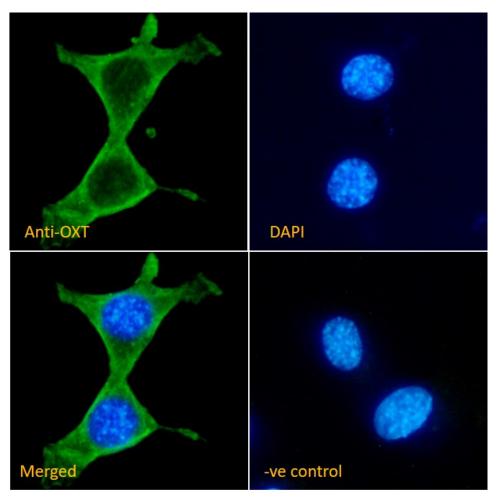
Flow Cytometry: Flow cytometric analysis of NIH3T3 cells. Recommended

concentration: 10ug/ml.

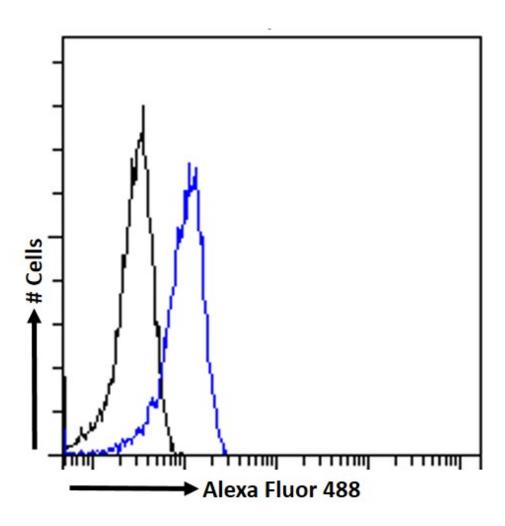
Species Reactivity

Tested: Mouse

Expected from sequence similarity: Mouse, Rat



EB09854 Immunofluorescence analysis of paraformaldehyde fixed NIH-3T3. Primary incubation 1hr (1:50 dilution) followed by Alexa Fluor® 488 secondary antibody (1:2000 dilution), showing cytoplasmic and membrane staining. The nuclear stain is DAPI (blue). Negative control: Anti-Goat IgG followed by Alexa Fluor® 488 secondary antibody.



EB09854 Flow cytometric analysis of paraformaldehyde fixed NIH-3T3 cells (blue line) permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488® conjugated secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.