

UK Office

Everest Biotech Ltd Cherwell Innovation Centre

77 Heyford Park Upper Heyford Oxfordshire OX25 5HD UK

Enquiries: info@everestbiotech.com Sales: <u>sales@everestbiotech.com</u> Tech support: <u>support@everestbiotech.com</u>

Tel: +44 (0)1869 238326 Fax: +44 (0)1869 238327

US Office

Everest Biotech c/o Abcore

405 Maple Street, Suite A106 Ramona, CA 92065 USA

Inquiries: info@everestbiotech.com Sales: usasales@everestbiotech.com Tech support: support@everestbiotech.com

Tel: 888-320-4628 (toll-free) Fax: 888-841-9041

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB05374-T - Goat Anti-WNT4 Antibody - Trial

Size: 20µg specific antibody in 40µl



Target Protein

Principal Names: WNT4, wingless-type MMTV integration site family, member 4, WNT-4, WNT-4 protein precursor, RP1-224A6.7, SERKAL, WNT-4 protein Official Symbol: WNT4 Accession Number(s): WNT4 Human GenelD(s): <u>54361</u> Non-Human GenelD(s): 22417 (mouse)

Immunogen

Peptide with sequence C-SNWLYLAKLSSVGS, from the internal region of the protein sequence according to NP_110388.2.

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

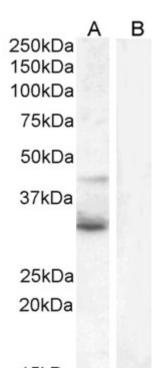
Peptide ELISA: antibody detection limit dilution 1:4000.

Western blot: Approx 40+35kDa band observed in lysates of cell line Jurkat (calculated MW of 39.1kDa according to NP_110388.2). Recommended concentration: 1-3µg/ml. Primary incubation 1 hour at room temperature. **Negative Control:** U937 cell lysate.

Immunofluorescence: Strong expression of the protein seen in the Vesicle of HeLa and MCF7 cells. Recommended concentration: 10µg/ml.

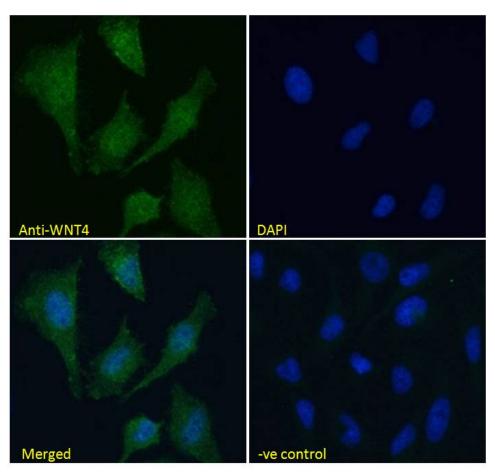
Species Reactivity

Tested: Human Expected from sequence similarity: Human, Mouse, Rat

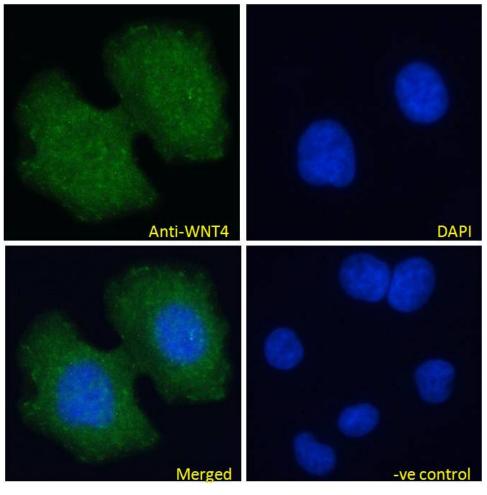




EB05374 (1µg/ml) staining of Jurkat (A) and negative control U937 (B) cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB05374 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml), showing vesicle staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml).



EB05374 Immunofluorescence analysis of paraformaldehyde fixed MCF7 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml), showing vesicle staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml).