

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.

EB07822 - Goat Anti-CHD1 (internal) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CHD1, chromodomain helicase DNA binding protein 1,

DKFZp686E2337

Official Symbol: CHD1

Accession Number(s): NP_001261.2; NP_001351042.1

Human GeneID(s): 1105

Non-Human GeneID(s): 12648 (mouse), 308215 (rat)

Immunogen

Peptide with sequence C-NGKDHRDWDHYKQD, from the internal region of the protein sequence according to NP_001261.2; NP_001351042.1.

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.

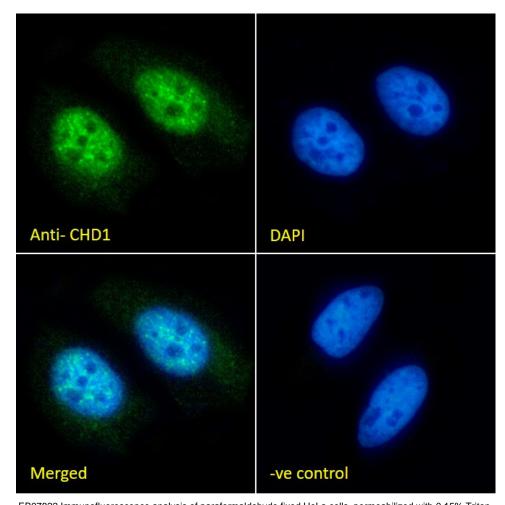
Immunofluorescence: Strong expression of the protein seen in the nuclei of HeLa and U2OS cells. Recommended concentration: 10ug/ml.

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

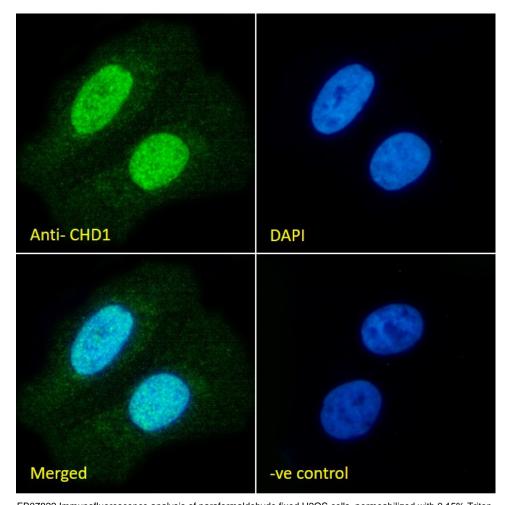
Species Reactivity

Tested: Human

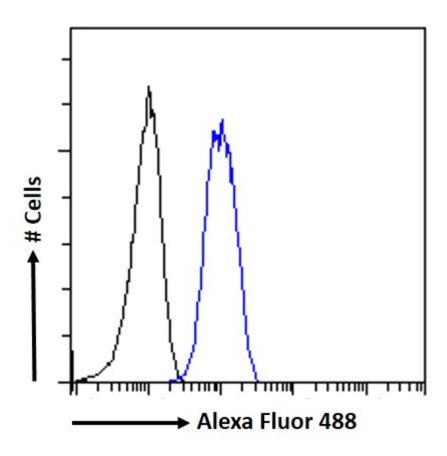
Expected from sequence similarity: Human, Cow



EB07822 Immunofluorescence analysis of paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB07822 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 staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB07822 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.