Anti-CTNNB1/catenin beta-1 antibody (Internal) (STJ73756)
STJ73756

GENERAL INFORMATION

Product Type Primary antibodies
Short Description Goat polyclonal antibody anti-CTNNB1/catenin beta-1 (Internal) is suitable for use in ELISA, Immunofluorescence and Flow Cytometry research applications.
Applications Pep-ELISA, IF, FC
Host/Source Goat
**Reactivity** Human, Mouse, Rat, Dog, Pig, Cow

PRODUCT PROPERTIES

Clonality Polyclonal
Clone ID
Concentration 0.5 mg/mL
Conjugation Unconjugated
Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range WB-0.1-0.3µg/ml
IF-Strong expression of the protein seen in the cytoplasm and membranes of U251 and A431 cells. 10µg/ml
ELISA-antibody detection limit dilution 1:128000.
Formulation 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
Isotype IgG
**Storage Instruction** Store at-20 on receipt and minimise freeze-thaw cycles.

TARGET INFORMATION

Gene ID 1499
Gene Symbol CTNNB1
Uniprot ID CTNB1_HUMAN
Immunogen
Immunogen Region Internal
Specificity Reported variants represent identical protein: NP_001091679.1, NP_001895.1, NP_001091680.1.
**Immunogen Sequence** ETARCTAGTLHNLS

STJ73756 (0. 1µg/ml) staining of A431 cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.
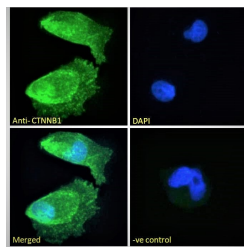
STJ73756 Immunofluorescence analysis of paraformaldehyde fixed U251 cells, permeabilized with 0. 15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml) , showing cytoplasmic and membrane staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).
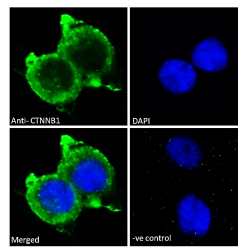
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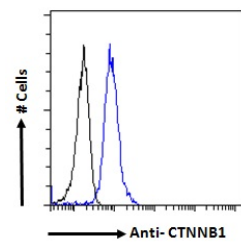
STJ73756 Flow cytometric analysis of paraformaldehyde fixed U251 cells (blue line) , permeabilized with 0. 5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.