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Research Use Only. Not for diagnostic or therapeutic use.

EB05255 - Goat Anti-COP1 / PSEUDO-ICE (Isofom 2) Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: CARD16, COP, CARD only protein, PSEUDO-ICE, COP1, caspase-1 dominant-negative inhibitor pseudo-ICE, pseudo interleukin-1beta converting enzyme, caspase recruitment domain family, member 16

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Official Symbol: CARD16

Accession Number(s): NP_443121.1

Human GenelD(s): <u>114769</u>

Important Comments: This antibody is expected to recognize isoform 2 (NP_443121.1)

only. In addition there may be cross-reaction with INCA (GeneID 440068;

NP_001007233.1).

Immunogen

Peptide with sequence C-ETLGLSAGPIPGN, from the C Terminus of the protein sequence according to NP_443121.1.

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 1:4000.

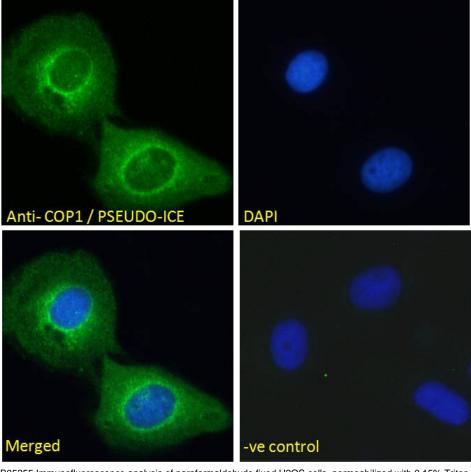
Immunofluorescence: Strong expression of the protein seen in the nuclei of U2OS cells. Recommended concentration: 10µg/ml.

Flow Cytometry: Flow cytometric analysis of A549 cells. Recommended concentration: 10ug/ml.

Species Reactivity

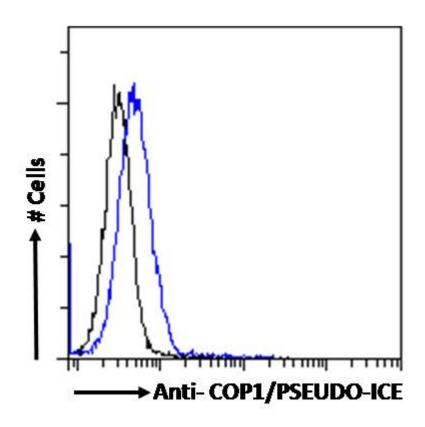
Tested: Human

Expected from sequence similarity: Human



EB05255 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 mitochondrial staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB05255 Flow cytometric analysis of paraformaldehyde fixed A549 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.