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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB05255 - Goat Anti-COP1 / PSEUDO-ICE (Isoform 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

Official Symbol: CARD16

Accession Number(s): NP_443121.1

Human GeneID(s): [114769](#)

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 nucleus 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.