

Product Datasheet

COP Antibody NB100-856

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB100-856**COP Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

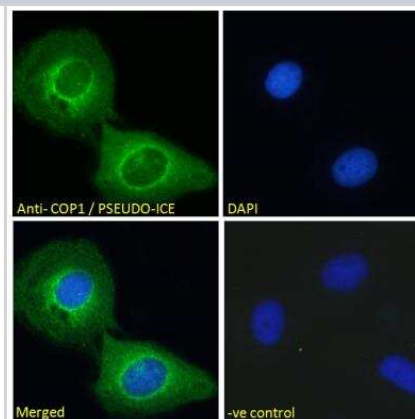
Product Description	
Description	Novus Biologicals Goat COP Antibody (NB100-856) is a polyclonal antibody validated for use in ELISA, Flow and ICC/IF. Anti-COP Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	114769
Gene Symbol	CARD16
Species	Human
Specificity/Sensitivity	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 corresponding to C-Terminus according to NP_443121.1.

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Peptide ELISA
Recommended Dilutions	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Peptide ELISA Detection limit 1:4000
Application Notes	WB: Preliminary experiments gave an approx. 28-30 kDa band in human colon, pancreas, placenta and tonsil lysates after 0.3 ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 10.7 kDa band according to NP_443121.1. The 28-30 kDa band was successfully blocked by incubation with the immunizing peptide.

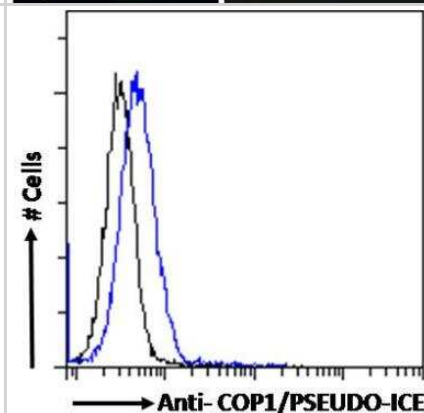


Images

Immunocytochemistry/Immunofluorescence: COP Antibody [NB100-856]
 - 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).



Flow Cytometry: COP Antibody [NB100-856] - 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.



Publications

Druilhe A, Srinivasula SM, Razmara M et al. Regulation of IL-1beta generation by Pseudo-ICE and ICEBERG, two dominant negative caspase recruitment domain proteins. Cell Death Differ 2001-06-01 [PMID: 11536016]



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Products Related to NB100-856

NBL1-09376	COP Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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