

Product Datasheet

NDP52 Antibody (OTI4H5) NBP2-03246

Unit Size: 0.1 ml

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

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NBP2-03246

NDP52 Antibody (OTI4H5)

Product Information

Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI4H5
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	52.1 kDa

Product Description

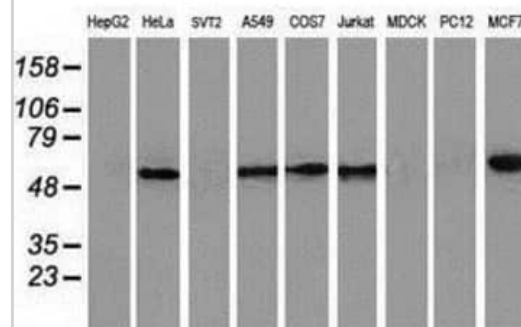
Host	Mouse
Gene ID	10241
Gene Symbol	CALCOCO2
Species	Human, Monkey
Immunogen	Full length human recombinant protein of human CALCOCO2 (NP_005822) produced in HEK293T cell.

Product Application Details

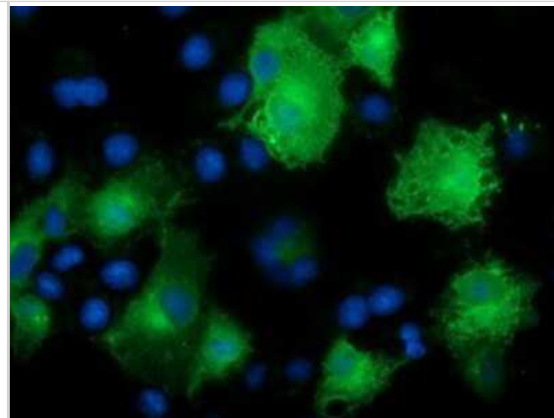
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500-2000, Flow Cytometry 1:100, Immunocytochemistry/ Immunofluorescence 1:100

Images

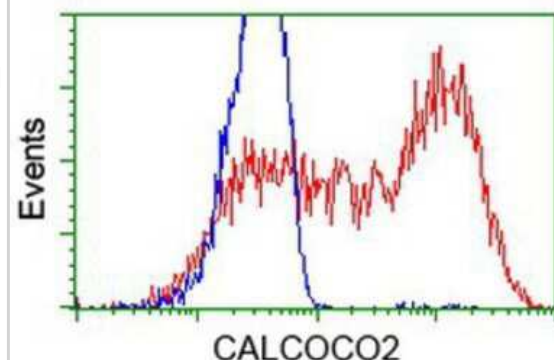
Western Blot: NDP52 Antibody (4H5) [NBP2-03246] Analysis of extracts (35ug) from 9 different cell lines by using anti-NDP52 monoclonal antibody.



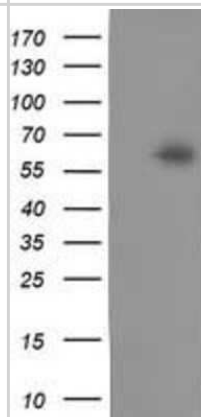
Immunocytochemistry/Immunofluorescence: NDP52 Antibody (4H5) [NBP2-03246] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY NDP52.



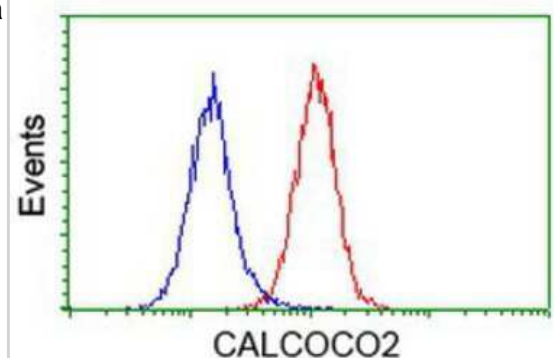
Flow Cytometry: NDP52 Antibody (4H5) [NBP2-03246] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-NDP52 antibody, and then analyzed by flow cytometry.



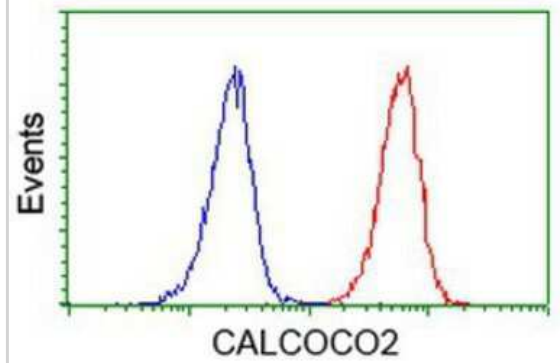
Western Blot: NDP52 Antibody (4H5) [NBP2-03246] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY NDP52 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-NDP52.



Flow Cytometry: NDP52 Antibody (4H5) [NBP2-03246] - Analysis of Hela cells, using anti-NDP52 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



Flow Cytometry: NDP52 Antibody (4H5) [NBP2-03246] - Analysis of Jurkat cells, using anti-NDP52 antibody, (Red), compared to a nonspecific negative control antibody (Blue).



Publications

Kono Y, Colley T, To M, et al. Cigarette smoke-induced impairment of autophagy in macrophages increases galectin-8 and inflammation Scientific reports 2021-01-11 [PMID: 33432024] (WB, Human)



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Products Related to NBP2-03246

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00010241-P01-10ug	Recombinant Human NDP52 GST (N-Term) Protein

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.

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