OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TA501971

CALCOCO2 Mouse Monoclonal Antibody [Clone ID: OTI4H5]

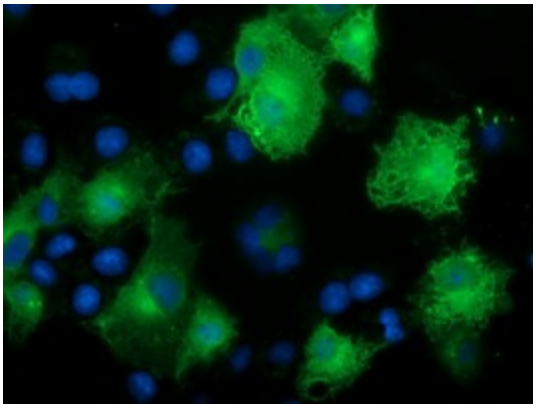
Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI4H5
Applications:	FC, IF, WB
Recommended Dilution:	WB 1:500~2000, IF 1:100, FLOW 1:100
Reactivity:	Human, Monkey
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human CALCOCO2 (NP_005822) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	52.1 kDa
Gene Name:	calcium binding and coiled-coil domain 2
Database Link:	NP_005822 Entrez Gene 697836 MonkeyEntrez Gene 10241 Human Q13137
Background:	The protein encoded by this gene is a subunit of nuclear domain 10 (ND10) bodies. ND10 bodies are nuclear domains appearing immunohistochemically as ten dots per nucleus. They are believed to be associated with the nuclear matrix on the basis of their resistance to nuclease digestion and salt extraction. ND10 proteins are removed from the nucleus by herpes simplex virus-1 infection and may have a role in viral life cycles. [provided by RefSeq]. COMPLETENESS: complete on the 3' end.

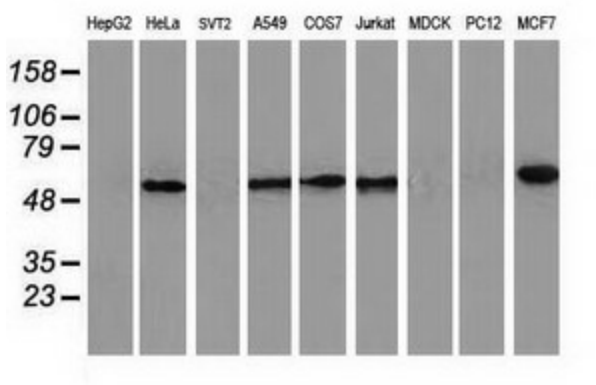
View online »

Synonyms: NDP52

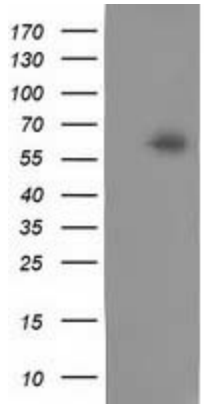
Product images:



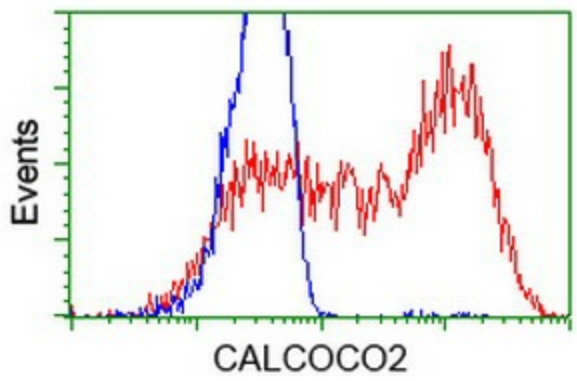
Anti-CALCOCO2 mouse monoclonal antibody (TA501971) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY CALCOCO2 ([RC203843]).



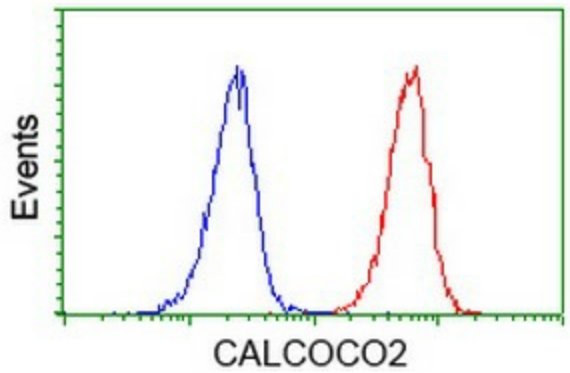
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-CALCOCO2 monoclonal antibody.



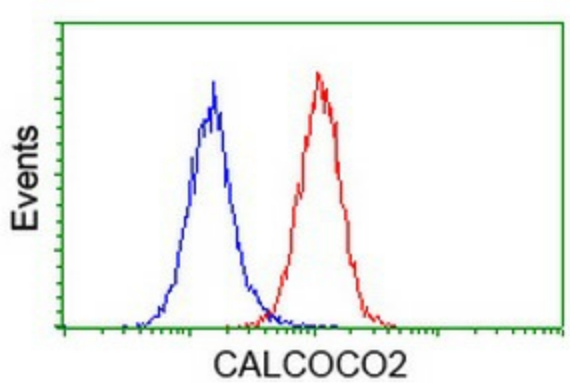
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY CALCOCO2 (Cat# [RC203843], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CALCOCO2(Cat# TA501971). Positive lysates [LY417045] (100ug) and [LC417045] (20ug) can be purchased separately from OriGene.



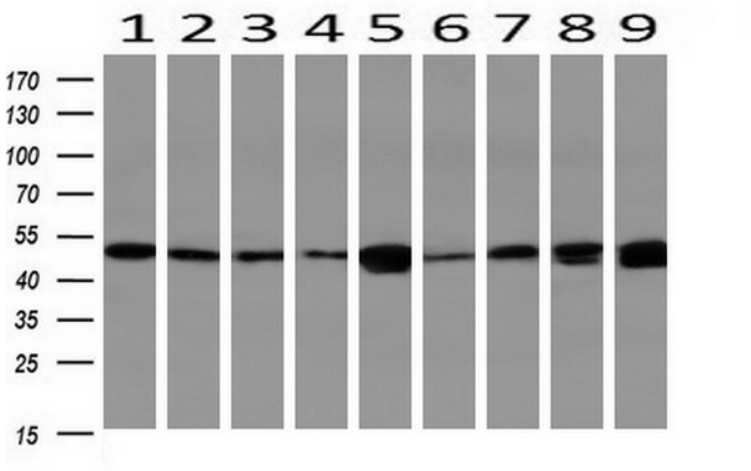
HEK293T cells transfected with either [RC203843] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-CALCOCO2 antibody (TA501971), and then analyzed by flow cytometry.



Flow cytometric Analysis of Jurkat cells, using anti-CALCOCO2 antibody (TA501971), (Red), compared to a nonspecific negative control antibody, (Blue).



Flow cytometric Analysis of Hela cells, using anti-CALCOCO2 antibody (TA501971), (Red), compared to a nonspecific negative control antibody, (Blue).



Western blot analysis of extracts (10ug) from 9 Human tissue by using anti-CALCOCO2 monoclonal antibody at 1:200 (1: Testis; 2: Omentum; 3: Uterus; 4: Breast; 5: Brain; 6: Liver; 7: Ovary; 8: Thyroid gland; 9: colon).

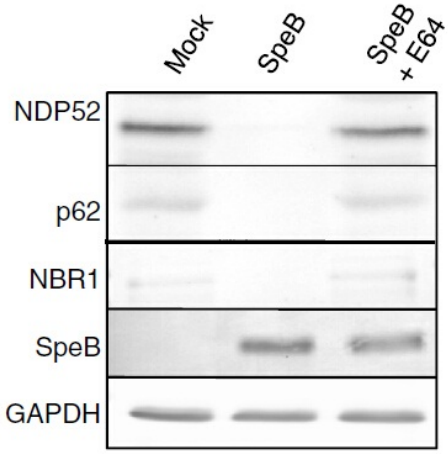


Figure from citation: Western Blot of CALCOCO2 (NDP52) protein level by using anti-CALCOCO2 antibody in human HEp-2 cell lysates. View Citation