Mouse CALCOCO2 Monoclonal Antibody | anti-CALCOCO2 antibody

CALCOCO2 antibody

CATALOG #	HOST	APPLICATIONS
AAA74682	**Mouse**	**Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay**

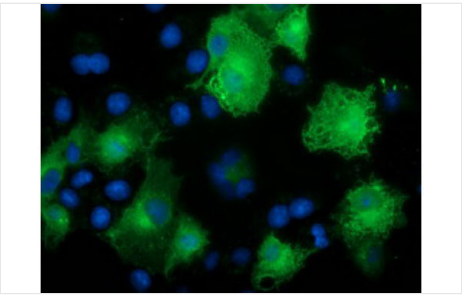
PRODUCT SYNONYMS

CALCOCO2; Monoclonal Antibody; CALCOCO2 antibody; Monoclonal CALCOCO2; Anti-CALCOCO2; Calcium binding and coiled coil domain containing protein 2; MGC17318; NDP52; CALCOCO 2; CALCOCO-2; anti-CALCOCO2 antibody

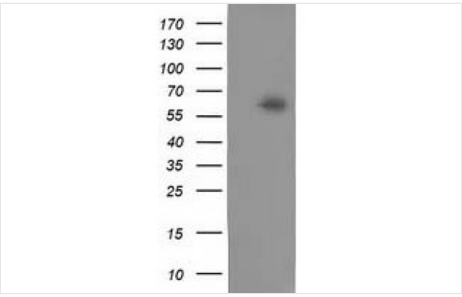
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	4H5
Purity/Purification	CALCOCO2 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	446
Applicable Applications for anti-CALCOCO2 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	CALCOCO2 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.
Cross-Reactivity	Human, Monkey
Immunogen	CALCOCO2 antibody was raised in mouse using a full length recombinant protein of human CALCOCO2 (NP_005822) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant CALCOCO2 protein using CALCOCO2 antibody



WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant CALCOCO2 protein (Right) or empty vector (Left) detected with CALCOCO2 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-CALCOCO2 antibody	Mouse monoclonal CALCOCO2 antibody
Product Categories/Family for anti-CALCOCO2 antibody	DNA & RNA

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031937
NCBI GeneID	10241
NCBI Accession #	NP_005822
NCBI GenBank Nucleotide #	NM_005831.4
UniProt Accession #	Q13137; Q53FQ5; Q53HB5; Q6IBN9; B2RBT0; B4DDC4; B4DDT4; B4DP36; B4E0C0; E7ENK0; E7ETP5; E9PBE5
Molecular Weight	43,669 Da
NCBI Official Full Name	calcium-binding and coiled-coil domain-containing protein 2 isoform 3
NCBI Official Synonym Full Names	calcium binding and coiled-coil domain 2
NCBI Official Symbol	CALCOCO2
NCBI Official Synonym Symbols	NDP52
NCBI Protein Information	calcium-binding and coiled-coil domain-containing protein 2
UniProt Protein Name	Calcium-binding and coiled-coil domain-containing protein 2
UniProt Gene Name	**CALCOCO2**
UniProt Synonym Gene Names	NDP52; Nuclear domain 10 protein 52
UniProt Entry Name	CACO2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/calcoco2-antibody-clone-4h5-western-blot-immunofluorescence-flow-cytometry-elisa/74682