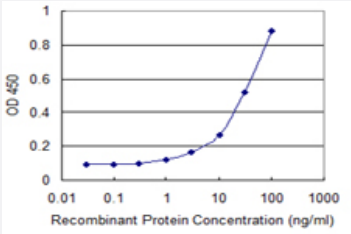
CALCOCO2 monoclonal antibody (M03), clone 3C4

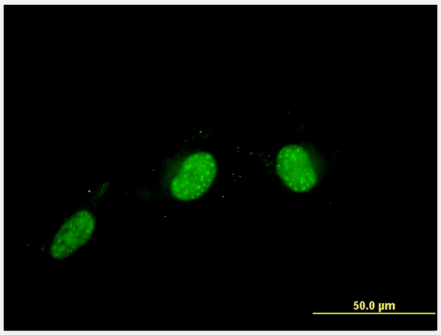
Catalog # H00010241-M03 Size 100 ug

Applications



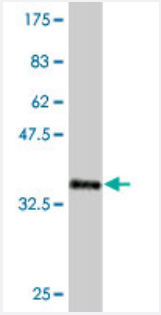
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CALCOCO2 is 1 ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to CALCOCO2 on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant CALCOCO2.

Immunogen	CALCOCO2 (NP_005822, 347 a.a. ~ 446 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	SYMGLDFNSLPYQVPTSDEGGARQNPGLAYGNPYSGIQESSSPSPLSIKKCPICKADDICDHTLEQ QQMQPLCFNCPICDKIFPATEKQIFEDHVFCHSL
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

  Protocol Download

- Sandwich ELISA (Recombinant protein)

  Detection limit for recombinant GST tagged CALCOCO2 is 1 ng/ml as a capture antibody.

  Protocol Download

- ELISA

- Immunofluorescence

  Immunofluorescence of monoclonal antibody to CALCOCO2 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — CALCOCO2

Entrez GeneID	10241
GeneBank Accession#	NM_005831
Protein Accession#	NP_005822
Gene Name	CALCOCO2

Gene Alias	MGC17318, NDP52
Gene Description	calcium binding and coiled-coil domain 2
Omim ID	604587
Gene Ontology	Hyperlink
Gene Summary	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
Other Designations	nuclear domain 10 protein