

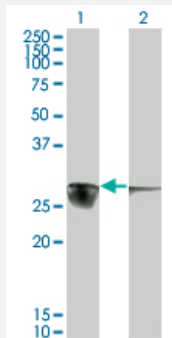
CX Grade

CACYBP monoclonal antibody (M01J), clone 2E3

Catalog # H00027101-M01J

Size 100 ug

Applications

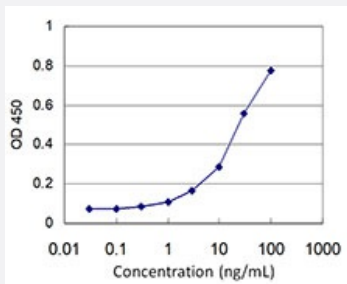


Western Blot (Transfected lysate)

Western Blot analysis of CACYBP expression in transfected 293T cell line by CACYBP monoclonal antibody (M01A), clone 2E3.

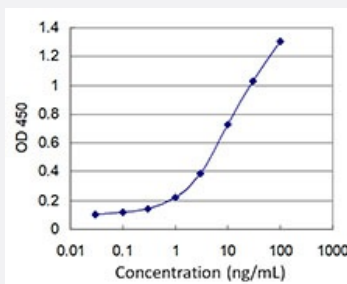
Lane 1: CACYBP transfected lysate (26.61 kDa).

Lane 2: Non-transfected lysate.



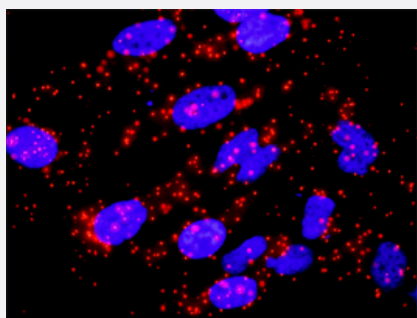
Sandwich ELISA (Recombinant protein)

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



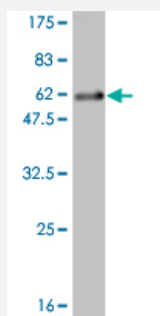
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CACYBP is 0.1 ng/ml as a capture antibody.



In situ Proximity Ligation Assay (Cell)

Proximity Ligation Analysis of protein-protein interactions between SKP1 and CACYBP. HeLa cells were stained with anti-SKP1 rabbit purified polyclonal 1:1200 and anti-CACYBP mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



Western Blot detection against Immunogen (50.82 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant CACYBP. This product is belong to Cell Culture Grade Antibody (CX Grade).
Immunogen	CACYBP (AAH05975, 1 a.a. ~ 228 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MASEELQKDLEEVKVLLEKATRKRVRDALTAEKSKIETEIKNKMQQKSQKKAELLDNEKPAAVVA PITGTYVKISNYGWDQSDKFVKIYTLTGVBHVPNTENVQVHFTERSFDLLVKNLNGKSYSMIVNNLL KPISVEGSSKKVKTDTVILCRKKVENTRWDYLTQVEKECKEKEKPSYDTETDPSEGLMNVLKKIY EDGDDDMKRTINKAWVESREKQAKGDTEF
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93); Rat (91)
Preparation Method	Cell Culture Production
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (50.82 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 (Transfected lysate)

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Lane 2: Non-transfected lysate.

[Protocol Download](#)

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- ELISA

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Gene Info — CACYBP

Entrez GeneID [27101](#)

GeneBank Accession# [BC005975](#)

Protein Accession# [AAH05975](#)

Gene Name CACYBP

Gene Alias	GIG5, MGC87971, PNAS-107, RP1-102G20.6, S100A6BP, SIP
Gene Description	calcyclin binding protein
Omim ID	606186
Gene Ontology	Hyperlink
Gene Summary	<p>The protein encoded by this gene is a calcyclin binding protein. It may be involved in calcium-dependent ubiquitination and subsequent proteosomal degradation of target proteins. It probably serves as a molecular bridge in ubiquitin E3 complexes and participates in the ubiquitin-mediated degradation of beta-catenin. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]</p>
Other Designations	OTTHUMP00000032884 OTTHUMP00000032885 Siah-interacting protein (SIP) growth-inhibiting gene 5 protein

Pathway

- [Wnt signaling pathway](#)