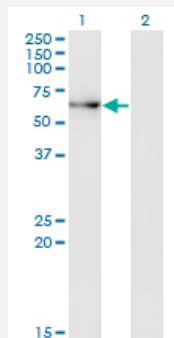


ACD monoclonal antibody (M01), clone 1C11-1A7

Catalog # H00065057-M01

Size 100 ug

Applications

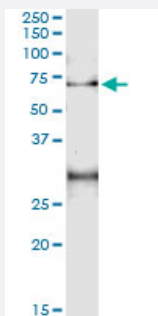


Western Blot (Transfected lysate)

Western Blot analysis of ACD expression in transfected 293T cell line by ACD monoclonal antibody (M01), clone 1C11-1A7.

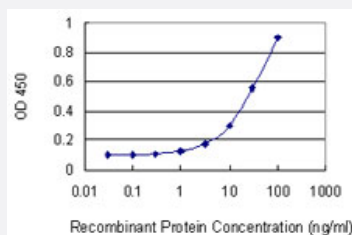
Lane 1: ACD transfected lysate (Predicted MW: 57.7 kDa).

Lane 2: Non-transfected lysate.



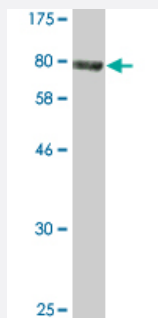
Immunoprecipitation

Immunoprecipitation of ACD transfected lysate using anti-ACD monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with ACD MaxPab rabbit polyclonal antibody.



Sandwich ELISA (Recombinant protein)

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



Western Blot detection against Immunogen (85.58 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant ACD.
Immunogen	ACD (AAH16904, 1 a.a. ~ 544 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MPGRCQSDAAMRVNGPASRAPAGWTSGSLHTGPRAGRPRQAQGVGRGRLLRPRPAKELPL PRKGGAWAPAGNPGPLHPLGVAVGMAGSGRLVLRPWIRELILGSETPSSPRAGQLLEVLQDAEA AVAGPSHAPDTSVVGATLLVSDGTHSVRCLVTREALDTSWEEKEFGFRGTEGRLLLLQDCGV HVQVAEGGAPAEFYLQVDRFSLLPTEQPRLRVPGCNQDLVQKKLYDCLEEHLSESTSSNAGLS LSQLLDEMREDQEHQGALVCLAESCLTLEGPCTAPPVTHWAASRCKATGEAVYTPSSMLCISE NDQLILSSLGPCQRTQGPELPPDPALQDLSLTLIASPPSSPSSSGTPALPGHMSSEESGTSISLL PALSLAAPDPGQRSSSQPSAICSAPATLTPRSPHASRTPSSPLQSCPTSLSPRSHVPSPHQAL VTRPQKPSLEFKEFVGLPCKNRPPFPRTGATRGAQEPSCSVWEPPKRHRDGSASFQYEPPTCS LCARVQAARLPPQLMAWALHFLMDAQPGSEPTPM
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (59); Rat (61)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (85.58 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)

Western Blot analysis of ACD expression in transfected 293T cell line by ACD monoclonal antibody (M01), clone 1C11-1A7.

Lane 1: ACD transfected lysate (Predicted MW: 57.7 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of ACD transfected lysate using anti-ACD monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with ACD MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

Gene Info — ACD

Entrez GeneID	65057
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GeneBank Accession#	BC016904
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Protein Accession#	AAH16904
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Gene Name	ACD
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Gene Alias	PIP1, PTOP, TINT1, TPP1
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Gene Description	adrenocortical dysplasia homolog (mouse)
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Omim ID	609377
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Gene Ontology	Hyperlink
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Gene Summary

This gene encodes a protein that is involved in telomere function. This protein is one of six core proteins in the telosome/shelterin telomeric complex, which functions to maintain telomere length and to protect telomere ends. Through its interaction with other components, this protein plays a key role in the assembly and stabilization of this complex, and it mediates the access of telomerase to the telomere. Multiple transcript variants encoding different isoforms have been found for this gene. This gene, which is also referred to as TPP1, is distinct from the unrelated TPP1 gene on chromosome 11, which encodes tripeptidyl-peptidase I. [provided by RefSeq]

Other Designations

POT1 and TIN2 organizing protein|TIN2 interacting protein 1|adrenocortical dysplasia homolog

Disease

- [Adrenal Insufficiency](#)
- [Breast Neoplasms](#)
- [Esophageal Achalasia](#)
- [Genetic Predisposition to Disease](#)
- [Metabolism](#)
- [Neoplasm Metastasis](#)
- [Syndrome](#)