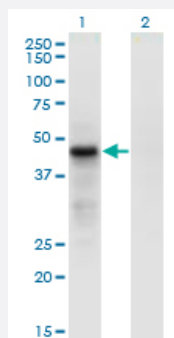


CDC42EP4 monoclonal antibody (M05), clone 3G10

Catalog # H00023580-M05

Size 100 ug

Applications

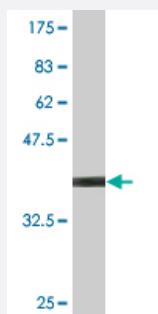


Western Blot (Transfected lysate)

Western Blot analysis of CDC42EP4 expression in transfected 293T cell line by CDC42EP4 monoclonal antibody (M05), clone 3G10.

Lane 1: CDC42EP4 transfected lysate (Predicted MW: 38 KDa).

Lane 2: Non-transfected lysate.



Western Blot detection against Immunogen (32.67 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant CDC42EP4.
Immunogen	CDC42EP4 (NP_036253, 163 a.a. ~ 225 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	VPRRNGAAGPHSPDPLLDEQAFGDLTDLPVVPKATYGLKHAESIMSFHIDLGPSMLGDVLSIM
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (78); Rat (77)

Isotype	IgG2b Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (32.67 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 CDC42EP4 expression in transfected 293T cell line by CDC42EP4 monoclonal antibody (M05), clone 3G10.

Lane 1: CDC42EP4 transfected lysate (Predicted MW: 38 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — CDC42EP4

Entrez GeneID	23580
GeneBank Accession#	NM_012121
Protein Accession#	NP_036253
Gene Name	CDC42EP4
Gene Alias	BORG4, CEP4, KAIA1777, MGC17125, MGC3740
Gene Description	CDC42 effector protein (Rho GTPase binding) 4
Omim ID	605468
Gene Ontology	Hyperlink

Gene Summary

The product of this gene is a member of the CDC42-binding protein family. Members of this family interact with Rho family GTPases and regulate the organization of the actin cytoskeleton. This protein has been shown to bind both CDC42 and TC10 GTPases in a GTP-dependent manner. When overexpressed in fibroblasts, this protein was able to induce pseudopodia formation, which suggested a role in inducing actin filament assembly and cell shape control. [provided by RefSeq]

Other Designations

Cdc42 effector protein 4|binder of Rho GTPases 4