



Anti-CDC42EP4 monoclonal antibody (DCABH-10939)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	A synthetic peptide of human CDC42EP4 is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	Western Blot (Transfected lysate); ELISA
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [CDC42EP4 CDC42 effector protein \(Rho GTPase binding\) 4 \[Homo sapiens \]](#)

Official Symbol	CDC42EP4
Synonyms	CDC42EP4; CDC42 effector protein (Rho GTPase binding) 4; cdc42 effector protein 4; binder of Rho GTPases 4; BORG4; Cdc42 effector protein 4; CEP4; KAIA1777; MGC3740; MGC17125;
Entrez Gene ID	23580
Protein Refseq	NP_036253
UniProt ID	B2R6D8
Chromosome Location	17q24-q25
Function	GTP-Rho binding;