CDC42EP1 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	CDC42EP1, Monoclonal Antibody
Full Product Name	CDC42EP1 (Cdc42 Effector Protein 1, Binder of Rho GTPases 5, Serum Protein MSE55, BORG5, CEP1, MSE55) (MaxLight 750)
Product Gene Name	anti-CDC42EP1 antibody
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	3A4
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight750.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human CDC42EP1.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
Molecular Weight	55KD
Immunogen	Full length recombinant corresponding to aa1-385 from CDC42EP1 (AAH09356) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MPGPQGGRGAATMSLGKLSPVGWVSSSQGKRRLTADMISHPLGDFRHTMHVGRGGDVFGDTSFLSNHGGSSGSTHRSPRSFLAKKLQLVRRVGAPP
Conjugate	MaxLight750
Product Categories/Family for anti-CDC42EP1 antibody	Antibodies; Binding Proteins
Applications Tested/Suitable for anti-CDC42EP1 antibody	FLISA, Western Blot (WB)
Application Notes for anti-CDC42EP1 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-CDC42EP1 antibody	Probably involved in the organization of the actin cytoskeleton. Induced membrane extensions in fibroblasts.

Other Notes	Small volumes of anti-CDC42EP1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If ne
Searchable Terms for CDC42EP1 purchase	MBS6232064 is an antibody targeting CDC42EP1. Also known as CDC42EP1 (Cdc42 Effector Protein 1, Binder of Rho GTPases 5, Serum Protein MS

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CDC42EP1. It may not necessarily be applicable to this product.

NCBI GI #	33872995
NCBI GeneID	11135
NCBI Accession #	BC009356
UniProt Related Accession #	Q00587
NCBI Official Full Name	Homo sapiens CDC42 effector protein (Rho GTPase binding) 1, mRNA
NCBI Official Synonym Full Names	CDC42 effector protein 1
NCBI Official Symbol	CDC42EP1
NCBI Official Synonym Symbols	CEP1; BORG5; MSE55
Protein Family	Cdc42 effector protein
NCBI Protein Information	cdc42 effector protein 1
NCBI Summary for CDC42EP1	CDC42 is a member of the Rho GTPase family that regulates multiple cellular activities, including actin polymerization. The protein encoded by this gene is a CDC42 binding protein that mediates actin cytoskeleton reorganization at the plasma membrane. This protein is secreted and is primarily found in bone marrow. [provided by RefSeq, Jul 2008]
Research Articles on CDC42EP1	**1.** Studies indicate some of the functional and mechanistic roles of the binder of Rho GTPases Borg1-5 proteins (Cdc42EP1-5), including cytoskeletal remodelling and signalling.
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