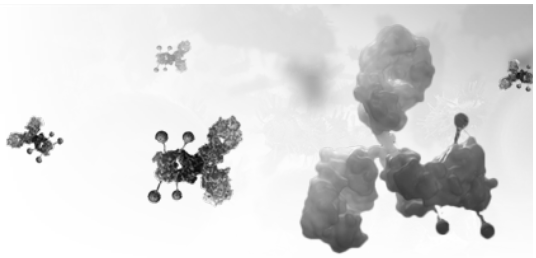

Mouse anti-Human DNM1 monoclonal antibody, clone 4H5C7 (CABT-B10124)

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

PRODUCT INFORMATION

Immunogen	Recombinant protein corresponding to truncated human DNM1.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	4H5C7
Conjugate	Unconjugated
Applications	WB, IHC, ELISA
Format	Liquid
Buffer	In ascites
Storage	Store at -20°C.Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	This gene encodes a member of the dynamin subfamily of GTP-binding proteins. The encoded protein possesses unique mechanochemical properties used to tubulate and sever membranes, and is involved in clathrin-mediated endocytosis and other vesicular trafficking processes. Actin and other cytoskeletal proteins act as binding partners for the encoded protein, which can also self-assemble leading to stimulation of GTPase activity. More than sixty highly conserved copies of the 3 region of this gene are found elsewhere in the genome, particularly on chromosomes Y and 15. Alternatively spliced transcript variants encoding different isoforms

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	have been described. [provided by RefSeq, Jul 2008]
Keywords	DNM1; dynamin 1; DNM; dynamin-1;

GENE INFORMATION

Entrez Gene ID	1759
UniProt ID	Q05193
Pathway	Axon guidance, organism-specific biosystem; Bacterial invasion of epithelial cells, organism-specific biosystem; Bacterial invasion of epithelial cells, conserved biosystem; CXCR3-mediated signaling events, organism-specific biosystem; CXCR4-mediated signaling events, organism-specific biosystem; Developmental Biology, organism-specific biosystem;FHGS2Signaling Pathway, organism-specific biosystem;
Function	GTP binding; GTPase activity; hydrolase activity; identical protein binding; nucleotide binding; protein binding;

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