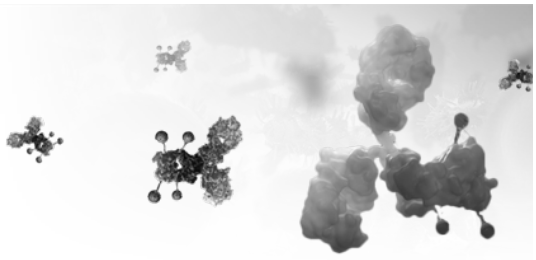

Mouse anti-Mouse Mena monoclonal antibody, clone 32/Nfob (CABT-B9235)

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

PRODUCT INFORMATION

Immunogen	Mouse Mena aa. 415-541
Isotype	IgA
Source/Host	Mouse
Species Reactivity	Human, Mouse, Rat, Chicken
Clone	32/Nfob
Purification	The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.
Conjugate	Unconjugated
Applications	WB; IHC; IF
Format	Liquid
Concentration	250 μg/ml
Size	50 μg, 150 μg
Buffer	Aqueous buffered solution containing BSA, glycerol, and ≤0.09% sodium azide.
Storage	Store undiluted at -20°C.

BACKGROUND

Introduction	Abl and Disabled (Dab) are essential for correct axonal connections during Drosophila

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	development. Mutations in Enabled (Ena) rescue the genetic defects caused by mutated Abl and Dab. Mena (Mammalian Ena) is a protein with significant homology to Eva, VASP, and WASP proteins. The murine Mena gene predicts a protein of 541 amino acids. However, two additional exons that could introduce 246 amino acids onto the C-terminal region have been identified. Homology searches identified two EVH domains (Ena-Vasp homology), one near each terminus of Mena. Antibodies to Mena detect 80 kDa, 88 kDa, and 140 kDa protein with the 80 kDa and 88 kDa proteins being widely expressed and the 140 kDa protein reportedly mainly found in brain tissue. Like VASP, Mena is localized to focal contacts and, when ectopically expressed, induces the formation of F-actin outgrowths in fibroblasts.
Keywords	ENAH; enabled homolog (Drosophila); ENA; MENA; NDPP1; protein enabled homolog; mammalian enabled variant 11a; mammalian enabled variant pan;

GENE INFORMATION

Entrez Gene ID	55740
UniProt ID	Q8N8S7

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