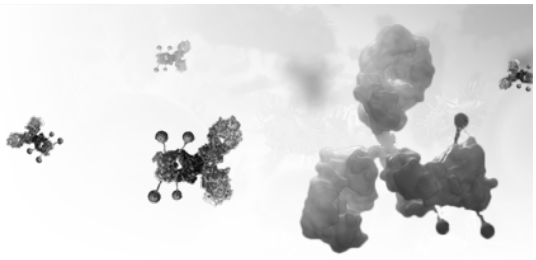

Mouse Anti-Zebrafish Mib Monoclonal Antibody, clone 7C3/I5 (CABT-Z475M)

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

PRODUCT INFORMATION

Immunogen	Recombinant GST-fusion-fish mib protein
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Zebrafish
Clone	7C3/I5
Purification	Unpurified
Conjugate	Unconjugated
Applications	WB, IF
Format	Liquid
Size	5 ml
Buffer	Cell culture supernatant
Preservative	None
Storage	Store at -80℃ long term. Avoid freeze / thaw cycle.
Ship	Dry ice

BACKGROUND

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Introduction	Zebrafish mind bomb (mib) was isolated in a large-scale screen aiming for morphologically discernible phenotypes. Mib mutants have phenotypes similar to Notch pathway mutants: a dramatic increase of primary neurons and somatic segmentation abnormalities. mib was positional cloned to be a novel gene. Mib is a novel E3 ligase with three Ring Finger (RF) domains in the C-terminal. Mib can interact with Delta, a Notch ligand. The interaction will mediate a RF-dependent ubiquitination and endocytosis of Delta, and thus effectively activates Notch in neighbouring cells. In addition, there are a series of mib alleles with different genetic severity. The most severe phenotype of antimorphic mibta52b allele is partly due to the antagonization of a second Mib homolog, Mib2, by Mibta52b protein.
Keywords	MIB;mind bomb;mib1;cg5841;fe47f05;chunp6889;im:7148100;wu:fe47f05;chromosome: 2;KIAA1323;E3 ubiquitin-protein ligase mib1;E3 ubiquitin-protein ligase mib1;wit;white tail;protein mind bomb;EC 6.3.2.

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