

Datasheet

RAB8A monoclonal antibody (M02), clone 3G1

Catalog Number: H00004218-M02

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant RAB8A.

Clone Name: 3G1

Immunogen: RAB8A (AAH02977, 108 a.a. ~ 207 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

EHASADVEKMILGNKCDVNDKRQVSKERGEKLALDYG
IKFMETSAKANINVENAFFTLARDIKAKMDKKLEGNSP
QGSNQGVKITPDQQKRSSFRCVLL

Host: Mouse

Reactivity: Human

Applications: ELISA, S-ELISA, WB-Ce, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG1 Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4218

Gene Symbol: RAB8A

Gene Alias: MEL, RAB8

Gene Summary: The protein encoded by this gene is a member of the RAS superfamily which are small GTP/GDP-binding proteins with an average size of 200 amino acids. The RAS-related proteins of the RAB/YPT

family may play a role in the transport of proteins from the endoplasmic reticulum to the Golgi and the plasma membrane. This protein shares 97%, 96%, and 51% similarity with the dog RAB8, mouse MEL, and mouse YPT1 proteins, respectively and contains the 4 GTP/GDP-binding sites that are present in all the RAS proteins. The putative effector-binding site of this protein is similar to that of the RAB/YPT proteins. However, this protein contains a C-terminal CAAX motif that is characteristic of many RAS superfamily members but which is not found in YPT1 and the majority of RAB proteins. Although this gene was isolated as a transforming gene from a melanoma cell line, no linkage between MEL and malignant melanoma has been demonstrable. This oncogene is located 800 kb distal to MY09B on chromosome 19p13.1. [provided by RefSeq]