

Datasheet

TRIM23 monoclonal antibody (M12), clone 2G4

Catalog Number: H00000373-M12

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full-length recombinant TRIM23.

Clone Name: 2G4

Immunogen: TRIM23 (AAH22510, 1 a.a. ~ 574 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

MATLVVNKLKLGAGVDSGRQGSRGTA VVKVLECGVCE
VFSLQGDKVPRLLLCGHTVCHDCLTRLPLHGRAIRCP
DRQVTDLGDSGVWGLKKNFALLELLERLQNGPIGQYG
AAEESIGISGESIIRCDDEAHLASVYCTVCATHLCSEC
SQVTHSTKTAKHRRVPLADKPHEKTMCSQHQAIE
FVCLEEGCQTSPLMCCVCKEYGKHQGHKHSVLEPEA
NQIRASILDMAHCIRTFTEEISDYSRKLVGIVQHIEGGE
QIVEDGIGMAHTEHVPGTAENARSCIRAYFYDLHETLC
RQEEMALSVVDAHVRKLIWLRQQQEDMTILLSEVSA
ACLHCEKTLQQDDCRVVLAKQEITRLLETQKQQQF
TEVADHIQLDASIPVTFTKDNRVHIGPKMEIRVVTGLD
GAGKTTILFKLKQDEFMQIPTIGFNVETVEYKNLKFTI
WDVGGKHKLRPLWKHYLNTQAVVFVVDSSHRDRIS
EAHSELAKLLTEKELRDALLIFANKQDVAGALSVVEIT
ELLSLHKLCCGRSWYIQGCDARSGMGLYEGLDWLSR
QLVAAGVLDVA

Host: Mouse

Reactivity: Human

Applications: ELISA, S-ELISA

(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: 373

Gene Symbol: TRIM23

Gene Alias: ARD1, ARFD1, RNF46

Gene Summary: The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. This protein is also a member of the ADP ribosylation factor family of guanine nucleotide-binding family of proteins. Its carboxy terminus contains an ADP-ribosylation factor domain and a guanine nucleotide binding site, while the amino terminus contains a GTPase activating protein domain which acts on the guanine nucleotide binding site. The protein localizes to lysosomes and the Golgi apparatus. It plays a role in the formation of intracellular transport vesicles, their movement from one compartment to another, and phospholipase D activation. Three alternatively spliced transcript variants for this gene have been described. [provided by RefSeq]