9F, No. 108, Jhouzih St.,Taipei, Taiwan
Tel: + 886-2-8751-1888 Fax: + 886-2-6602-1218
E-mail: sales@abnova.com

Datasheet

TCIRG1 monoclonal antibody (M02A), clone 7H20

Catalog Number: H00010312-M02A

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant TCIRG1.

Clone Name: 7H20

Immunogen: TCIRG1 (AAH18133, 121 a.a. ~ 220 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:
QLHQLQLHAAVLRQGHEPQLAAAHTDGASERTPLLQA
PGGPHQDLRVNFVAGAVEPHKAPALERLLWRACRGF
LIASFRELEQPLEHPVTGEPATWMTFL

Host: Mouse

Reactivity: Human

Applications: ELISA, 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 ascites fluid

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

Entrez GeneID: 10312

Gene Symbol: TCIRG1

Gene Alias: ATP6N1C, ATP6V0A3, Atp6i, OC-116kDa, OC116, OPTB1, Stv1, TIRC7, Vph1, a3

Gene Summary: Through alternate splicing, this gene encodes two proteins with similarity to subunits of the vacuolar ATPase (V-ATPase) but the encoded proteins seem to have different functions. V-ATPase is a multisubunit enzyme that mediates acidification of eukaryotic intracellular organelles. V-ATPase dependent organelle acidification is necessary for such intracellular processes as protein sorting, zymogen activation, and receptor-mediated endocytosis. V-ATPase is comprised of a cytosolic V1 domain and a transmembrane V0 domain. Mutations in this gene are associated with infantile malignant osteopetrosis. [provided by RefSeq]