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Datasheet

KIF2C monoclonal antibody (M01), clone 1G2

Catalog Number: H00011004-M01

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant KIF2C.

Clone Name: 1G2

Immunogen: KIF2C (AAH14924, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:
MAMDSSLQARLFPGLAIKIQRSNGLIHSANVRTVNLEK
SCVSVEWAEGGATKGKEIDFDDVAAINPELLQLLPLHP
KDNLPLQENVTIQKQKRRSVNSKI

Host: Mouse

Reactivity: Human

Applications: ELISA, IF, IHC-P, IP, RNAi-Ab, S-ELISA, WB-Ce, WB-Tr
(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: 11004

Gene Symbol: KIF2C

Gene Alias: KNSL6, MCAK

Gene Summary: The protein encoded by this gene is a member of kinesin-like protein family. Proteins of this family are microtubule-dependent molecular motors that transport organelles within cells and move chromosomes during cell division. This protein is important for anaphase chromosome segregation and may be required to coordinate the onset of sister centromere separation. [provided by RefSeq]

References:

1. Mitotic Rounding Alters Cell Geometry to Ensure Efficient Bipolar Spindle Formation. Lancaster OM, Le Berre M, Dimitracopoulos A, Bonazzi D, Zlotek-Zlotkiewicz E, Picone R, Duke T, Piel M, Baum B Dev Cell. 2013 May 13;25(3):270-83. doi: 10.1016/j.devcel.2013.03.014. Epub 2013 Apr 25.
2. Functional and spatial regulation of the mitotic centromere-associated kinesin by cyclin-dependent kinase 1. Sanhaji M, Friel CT, Kreis NN, Kramer A, Martin C, Howard J, Strebhardt K, Yuan J. Mol Cell Biol. 2010 Apr 5. [Epub ahead of print]