



Mouse anti-Human KIF2C monoclonal antibody, clone 2H3 (CABT-B10520)

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

PRODUCT INFORMATION

Immunogen	KIF2C (AAH14924, 2a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	2H3
Conjugate	Unconjugated
Applications	WB, IHC, IF, IP, sELISA, ELISA, RNAi Knockdown
Sequence Similarities	MAMDSSLQARLFPGGLAIKIQRSNGLIHSANVRTVNLEKSCSVWEAEGGATKGKEIDFDD VAAINPELLQLLPLHPKDNLPLQENVTIQKQKRRSVNSKI
Format	Liquid
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	This gene encodes a kinesin-like protein that functions as a microtubule-dependent molecular motor. The encoded protein can depolymerize microtubules at the plus end, thereby promoting mitotic chromosome segregation. Alternative splicing results in multiple transcript variants.
---------------------	--

[provided by RefSeq, Jul 2014]

Keywords	KIF2C; kinesin family member 2C; MCAK; CT139; KNSL6; kinesin-like protein KIF2C; kinesin-like protein 6; mitotic centromere-associated kinesin;
-----------------	---

GENE INFORMATION

Entrez Gene ID	11004
UniProt ID	Q99661
Pathway	Aurora B signaling, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; DNA Replication, organism-specific biosystem; Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Hemostasis, organism-specific biosystem; Kinesins, organism-specific biosystem;
Function	ATP binding; centromeric DNA binding; microtubule motor activity; microtubule plus-end binding; nucleotide binding; protein binding;
