



Mouse anti-Human KIF1C monoclonal antibody, clone 2G23 (CABT-B10518)

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

PRODUCT INFORMATION

Immunogen	KIF1C (NP_006603, 1004 a.a. ~ 1103 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	2G23
Conjugate	Unconjugated
Applications	WB, IHC, sELISA, ELISA
Sequence Similarities	QPPEEVTPHPATPARRPPSRRSHHPRRNSLDGGGRSRGAGSAQPEPQHFQPKKHNSYPQ PPQPYPAQRPPGPRYPPYTPPRMRRQRSAPDLKESGAAV
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	The protein encoded by this gene is a member of the kinesin-like protein family. The family members are microtubule-dependent molecular motors that transport organelles within cells and move chromosomes during cell division. Mutations in this gene are a cause of spastic
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ataxia 2, autosomal recessive. [provided by RefSeq, May 2014]

Keywords	KIF1C; kinesin family member 1C; SAX2; LTXS1; SATX2; SPAX2; SPG58; kinesin-like protein KIF1C; spastic ataxia 2 (autosomal recessive);
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GENE INFORMATION

Entrez Gene ID [10749](#)

UniProt ID [O43896](#)

Function ATP binding; microtubule motor activity; motor activity; nucleotide binding;
