



Mouse anti-Human CENPK monoclonal antibody, clone 2H32C21 (CABT-B9944)

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

PRODUCT INFORMATION

Immunogen	CENPK (AAH05400, 1 a.a. ~ 224 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	2H32C21
Conjugate	Unconjugated
Applications	WB,IF,sELISA,ELISA
Sequence Similarities	MNQEDLDPDSTTDVGDVTNTEEEELIRECEEMWKDMEECQNKLSLIGTETLTDSNAQLSLL IMQVKCLTAELSQQWQKKTPTETIPLTEDVLITLGKEEFQKLRQDLEMVLSTKESKNEKLKE DLEREQRWLDEQQQIMESLNVLHSELKNKVETFSERIFNELKTKMLNIKEYKEKLLSTL GEFLEDHFPLPDRSVKKKKKNIQESSVNLITLHEMLEILINRLFDVPHDPYVKISDSFWP PYVELLLRNGIALRH
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction CENPK is a subunit of a CENPH (MIM 605607)-CENPI (MIM 300065)-associated centromeric complex that targets CENPA (MIM 117139) to centromeres and is required for proper kinetochore function and mitotic progression (Okada et al., 2006 [PubMed 16622420]).[supplied by OMIM, Mar 2008]

Keywords CENPK; centromere protein K; P33; Solt; CENP-K; FKSG14; AF5alpha; protein AF-5alpha; leucine zipper protein FKSG14; SoxLZ/Sox6-binding protein Solt; interphase centromere complex protein 37;

GENE INFORMATION

Entrez Gene ID [64105](#)

UniProt ID [Q9BS16](#)

Pathway Cell Cycle, Mitotic, organism-specific biosystem; Chromosome Maintenance, organism-specific biosystem; DNA Replication, organism-specific biosystem; Deposition of New CENPA-containing Nucleosomes at the Centromere, organism-specific biosystem; M Phase, organism-specific biosystem; Mitotic M-M/G1 phases, organism-specific biosystem