



Mouse anti-Human CENPN monoclonal antibody, clone 5B62D22 (CABT-B9946)

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

PRODUCT INFORMATION

Immunogen	BM039 (AAH07334, 1 a.a. ~ 205 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	5B62D22
Conjugate	Unconjugated
Applications	WB, ELISA
Sequence Similarities	MDETVAEFIKRTILKIPMNELTTILKAWDFLSENQLQTVNFRQRKESVVQHHLHLCEEKR ASISDAALLDIYMQFHQHQKQVWDVFQMSKGPGEVDLFDKQKFKNSEFKILQRALKNVT VSFRETEENAVWIRIAWGTQYTKPNQYKPTYVVVYYSQTPYAFTSSSMLRRNTPLLGQELE ATGKIYLRQEEIILDITEMKKACN*
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 The protein encoded by this gene forms part of the nucleosome-associated complex and is important for kinetochore assembly. It is bound to kinetochores during S phase and G2 and recruits other proteins to the centromere. Pseudogenes of this gene are located on chromosome 2. Alternative splicing results in multiple transcript variants that encode different protein isoforms. [provided by RefSeq, Jul 2012]

Keywords CENPN; centromere protein N; BM039; CENP-N; ICEN32; C16orf60; interphase centromere complex protein 32;

GENE INFORMATION

Entrez Gene ID [55839](#)

UniProt ID [Q96H22](#)

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