



Mouse anti-Human CHTF18 monoclonal antibody, clone 2G6 (CABT-B9972)

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

PRODUCT INFORMATION

Immunogen	CHTF18 (AAH18184, 886 a.a. ~ 975 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	2G6
Conjugate	Unconjugated
Applications	WB, sELISA, ELISA
Sequence Similarities	GVHRPAPRNHEQRLEHIMRRAAREEQPEKDFGRVVVRSTAVPSAGDTAPEQDSVERRMG TAVGRSEVWFRFNEGVSNAVRRSLYIRDLL
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	CHTF18, CHTF8 (MIM 613202), and DCC1 (DSCC1; MIM 613203) are components of an alternative replication factor C (RFC) (see MIM 600404) complex that loads PCNA (MIM
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176740) onto DNA during S phase of the cell cycle (Merkle et al., 2003 [PubMed 12766176]; Bermudez et al., 2003 [PubMed 12930902]).[supplied by OMIM, Dec 2009]

Keywords CHTF18; CTF18, chromosome transmission fidelity factor 18 homolog (*S. cerevisiae*); CHL12; Ctf18; RUVBL; C16orf41; C321D2.2; C321D2.3; C321D2.4; chromosome transmission fidelity protein 18 homolog; hCTF18; homolog of yeast CHL12; C321D2.3 (novel protein); C321D2.4 (novel protein); some homology with holliday junction DNA helicase RUVB like;

GENE INFORMATION

Entrez Gene ID [63922](#)

UniProt ID [Q8WVB6](#)

Function ATP binding; DNA binding; nucleoside-triphosphatase activity; nucleotide binding
