



## Anti-Cct Delta monoclonal antibody, clone PK/9/86b (CABT-54840RC)

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

### PRODUCT INFORMATION

**Product Overview** This product recognises the delta polypeptide of the CCT chaperonin molecule complex. The intact CCT complex is composed of eight polypeptides in a double-ring structure. CCT is important within cells in aiding the folding of proteins including actin, tubulin and the VHL tumour suppressor protein. Western Blotting detects a band of approximately 60kD in Hela cell lysates.

<b>Specificity</b>	CCT DELTA
<b>Isotype</b>	IgG2b
<b>Source/Host</b>	Rat
<b>Species Reactivity</b>	Bovine, Human, Mouse
<b>Clone</b>	PK/9/86b
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	GSA; IP; WB
<b>Format</b>	Purified IgG - liquid
<b>Size</b>	100 µg
<b>Preservative</b>	See individual product datasheet
<b>Storage</b>	in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

# GENE INFORMATION

<b>Gene Name</b>	<a href="#">CCT4 chaperonin containing TCP1, subunit 4 (delta) [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	CCT4
<b>Synonyms</b>	CCT4; chaperonin containing TCP1, subunit 4 (delta); SRB; Cctd; CCT-DELTA; T-complex protein 1 subunit delta; TCP-1-delta; stimulator of TAR RNA-binding; chaperonin containing t-complex polypeptide 1, delta subunit; CCT DELTA;
<b>Entrez Gene ID</b>	<a href="#">10575</a>
<b>Protein Refseq</b>	<a href="#">NP_001243650</a>
<b>UniProt ID</b>	P50991
<b>Chromosome Location</b>	2p15
<b>Pathway</b>	Assembly of the primary cilium; Association of TriC/CCT with target proteins during biosynthesis; BBSome-mediated cargo-targeting to cilium; Cargo trafficking to the periciliary membrane; Chaperonin-mediated protein folding; Cooperation of Prefoldin and TriC/CCT in actin and tubulin folding; Folding of actin by CCT/TriC; Formation of tubulin folding intermediates by CCT/TriC;
<b>Function</b>	ATP binding; poly(A) RNA binding; protein binding; unfolded protein binding;