

Datasheet

CCT7 monoclonal antibody (M02), clone 3A6

Catalog Number: H00010574-M02

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant CCT7.

Clone Name: 3A6

Immunogen: CCT7 (AAH19296, 425 a.a. ~ 528 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

RTIPGKQQLLIGAYAKALEIIPRQLCDNAGFDATNILNKL
RARHAQGGTWYGVDINNEDIADNFEAFVWEPAMVRIN
ALTAASEAACLIVSVDETIKNPRSTVD

Host: Mouse

Reactivity: Human

Applications: ELISA, S-ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 10574

Gene Symbol: CCT7

Gene Alias: CCT-ETA, Ccth, MGC110985, Nip7-1, TCP-1-eta

Gene Summary: This gene encodes a molecular chaperone that is a member of the chaperonin containing TCP1 complex (CCT), also known as the

TCP1 ring complex (TRiC). This complex consists of two identical stacked rings, each containing eight different proteins. Unfolded polypeptides enter the central cavity of the complex and are folded in an ATP-dependent manner. The complex folds various proteins, including actin and tubulin. Alternate transcriptional splice variants encoding different isoforms have been found for this gene, but only two of them have been characterized to date. [provided by RefSeq]

References:

1. Reconstitution of the human chaperonin CCT by co-expression of the eight distinct subunits in mammalian cells. Machida K, Masutani M, Kobayashi T, Mikami S, Nishino Y, Miyazawa A, Imataka H. Protein Expr Purif. 2011 Nov 22.