

Anti-TCP1 [84a (CTA-184)]

Catalogue number: 151322

Sub-type: Primary antibody

Images:

Contributor

Inventor:

Institute: The Institute of Cancer Research

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-TCP1 [84a (CTA-184)]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: TCP1, (a constituent of chaperone-containing TCP-1, CCT) is a ~60 kDa protein constitutively expressed in almost all eukaryotic cells and upregulated during spermatogenesis. It is found in the cytosol as a subunit of a hetero-oligomeric chaperone that is known to be involved in the folding of actin and tubulin.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG2a

Reactivity: Mouse

Selectivity:

Host: Rat

Immunogen: C-terminal half of the full length murine TCP protein

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls: LK-35.2 cells

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: T-complex polypeptide 1 (TCP1)

Target alternate names:

Target background: TCP1, (a constituent of chaperone-containing TCP-1, CCT) is a ~60 kDa protein constitutively expressed in almost all eukaryotic cells and upregulated during spermatogenesis. It is found in the cytosol as a subunit of a hetero-oligomeric chaperone that is known to be involved in the folding of actin and tubulin.

Molecular weight: 80 kDa

Ic50:

Applications

Application: IP ; WB

Application notes:

Handling

Format: Liquid

Concentration: 0.9-1.1 mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: PBS with 0.02% azide

Storage conditions: -15° C to -25° C

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Lobanova K et al, 2013. PNAS 110(24):9986-91 PMID 23716657 ; Sternlicht et al. 1993. Proc Natl Acad Sci U S A. 90(20):9422-6. PMID: 8105476. ; The t-complex polypeptide 1 complex is a chaperonin for tubulin and actin in vivo. ; Harrison-Lavoie et al. 1993. EMBO J. 12(7):2847-53. PMID: 8335000. ; A 102 kDa subunit of a Golgi-associated particle has homology to beta subunits of trimeric G proteins. ; Willison et al. 1989. Cell. 57(4):621-32. PMID: 2655925. ; The t complex polypeptide 1 (TCP-1) is associated with the cytoplasmic aspect of Golgi membranes.

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