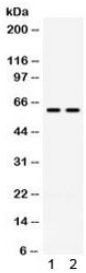
CCT3 Antibody / TCP1 gamma (R32392)

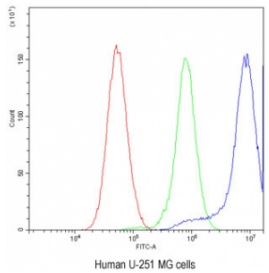
Catalog No.	Formulation	Size
R32392	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

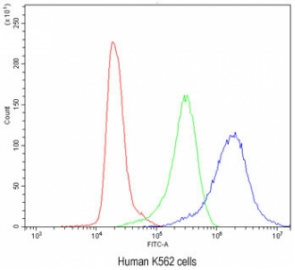
Availability	1-3 business days
Species Reactivity	Human, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	P49368
Localization	Cytoplasmic
Applications	Western blot: 0.1-0.5ug/ml FACS: 1-3ug/10^6 cells IHC (FFPE): 1-2ug/ml IF/ICC (FFPE): 2-4ug/ml
Limitations	This CCT3 antibody is available for research use only.



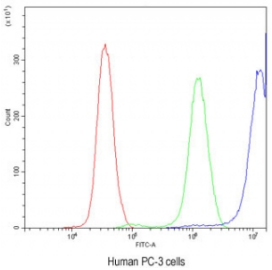
Western blot testing of 1) rat kidney and 2) human HeLa lysate with CCT3 antibody. Expected molecular weight ~61 kDa.



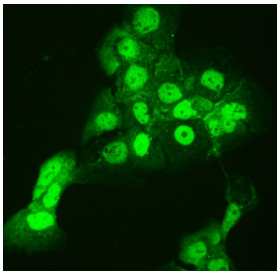
Flow cytometry testing of human U-251 MG cells with CCT3 antibody at 1ug/10^6 cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= CCT3 antibody.



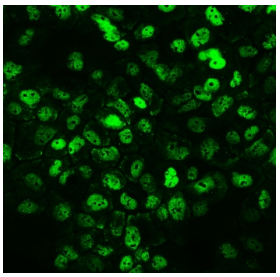
Flow cytometry testing of human K562 cells with CCT3 antibody at 1ug/10^6 cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= CCT3 antibody.



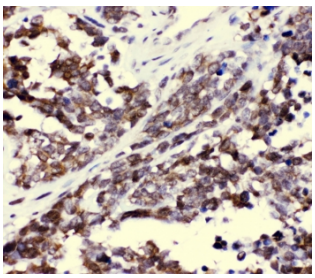
Flow cytometry testing of human PC-3 cells with CCT3 antibody at 1ug/10^6 cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= CCT3 antibody.



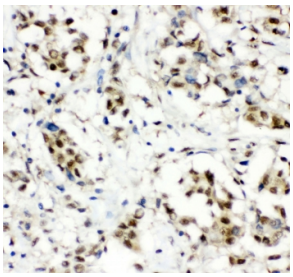
IF/ICC staining of FFPE human A431 cells with CCT3 antibody (green) at 2ug/ml. HIER: steam section in pH6 citrate buffer for 20 min.



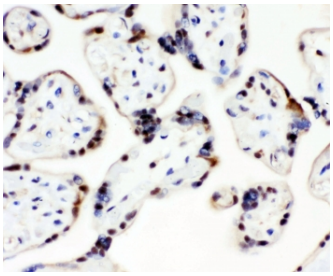
IF/ICC staining of FFPE human A431 cells with CCT3 antibody (green) at 2ug/ml. HIER: steam section in pH6 citrate buffer for 20 min.



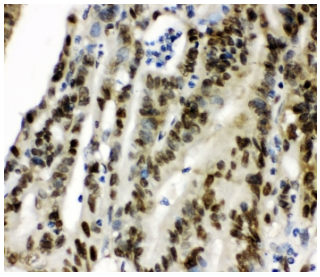
IHC staining of FFPE human lung cancer with CCT3 antibody at 1ug/ml. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.



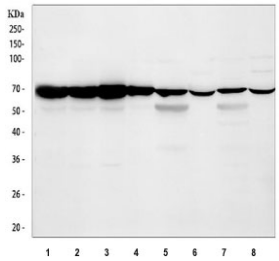
IHC staining of FFPE human breast cancer with CCT3 antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.



IHC staining of FFPE human placenta with CCT3 antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.



IHC staining of FFPE human intestinal cancer with CCT3 antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.



Western blot testing of 1) human 293T, 2) human A549, 3) human HeLa, 4) human MCF7, 5) rat brain, 6) rat lung, 7) mouse brain and 8) mouse lung tissue lysate with CCT3 antibody. Expected molecular weight ~61 kDa.

Description

T-complex protein 1 subunit gamma is a protein that in humans is encoded by the CCT3 gene. The protein encoded by this gene is 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 have been characterized for this gene. In addition, a pseudogene of this gene has been found on chromosome 8.

Application Notes

Optimal dilution of the CCT3 antibody should be determined by the researcher.

Immunogen

Amino acids EPLAVKLQTYKTAVETAVLLLRIDDIVSGHKKKGDDQSRQ were used as the immunogen for the CCT3 antibody.

Storage

After reconstitution, the CCT3 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

Copyright © NSJ Bioreagents. All rights reserved.