

Datasheet for ABIN7504162

anti-FTCD antibody**1** Image[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	FTCD
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This FTCD antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS)

Product Details

Immunogen:	58K Golgi Protein purified from rat liver.
Isotype:	IgG1
Specificity:	<p>The antibody recognizes an epitope located on the microtubule-binding peripheral Golgi membrane 58 kDa protein. It is also useful for studies on the effect of microtubule-perturbing agents on the Golgi apparatus. The protein encoded by this gene is a bifunctional enzyme that channels 1-carbon units from formiminoglutamate, a metabolite of the histidine degradation pathway, to the folate pool. Mutations in this gene are associated with glutamate formiminotransferase deficiency. Alternatively-spliced transcript variants have been found for this gene. Folate-dependent enzyme, that displays both transferase and deaminase activity. Serves to channel one-carbon units from formiminoglutamate to the folate pool. Binds and promotes bundling of vimentin filaments originating from the Golgi.</p>
Cross-Reactivity (Details):	Human. Predicted to react in Mouse, Rat, Bovine, Dog, Hamster, Pig, Monkey and Kangaroo rat.

Product Details

Purification: 200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G.

Target Details

Target: FTCD

Alternative Name: FTCD ([FTCD Products](#))

Background: Formimidoyltetrahydrofolate cyclodeaminase, Formiminotetrahydrofolate cyclodeaminase, Formiminotransferase cyclodeaminase, Glutamate formiminotransferase, Glutamate formyltransferase, LCHC1, FTCD / 58K Golgi Protein
Cellular localisation: Cytoplasm. Golgi apparatus.

Molecular Weight: 59kDa

Gene ID: 10841, 415846

UniProt: [O95954](#)

Application Details

Application Notes: Positive Control: HeLa or HepG2 cells. Human kidney or liver tissue.
Known Application: Flow Cytometry (1-2 µg/million cells), Immunofluorescence (1-2 µg/mL), Western Blot (1-2 µg/mL), ,Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: Prepared in 10 mM PBS with 0.05 % BSA and 0.05 % azide.

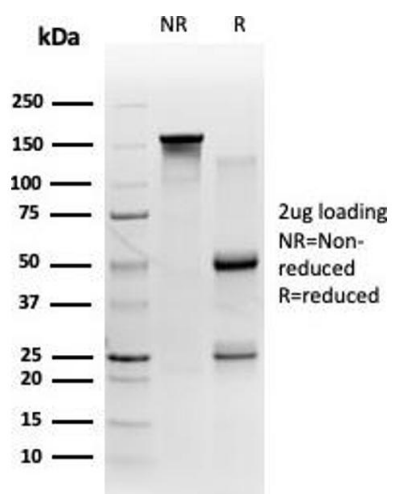
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -80 °C

Storage Comment: Antibody with azide - store at 2 to 8 °C. Antibody is stable for 24 months. Non-hazardous. Also available WITHOUT BSA & azide at 1.0mg/ml.

Expiry Date: 24 months



Western Blotting

Image 1. SDS-PAGE Analysis Purified 58K Golgi Protein Mouse Monoclonal (FTCD/357). Confirmation of Integrity and Purity of Antibody.