

Rabbit anti-Human 58K Golgi Protein Monoclonal Antibody | anti-FTCD antibody

58K Golgi Protein Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312433	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

58K Golgi Protein; Monoclonal Antibody; 58K Golgi Protein Antibody; Formimidoyltetrahydrofolate cyclodeaminase antibody; Formimidoyltransferase cyclodeaminase antibody; Formiminotetrahydrofolate cyclodeaminase antibody; Formiminotransferase cyclodeaminase antibody; Formiminotransferase-cyclodeaminase antibody; FTCD antibody; FTCD_HUMAN antibody; Glutamate formiminotransferase antibody; Glutamate formyltransferase antibody; LCHC 1 antibody; LCHC1 antibody; anti-FTCD antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	JF099-5
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-FTCD antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



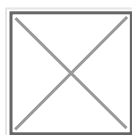
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of HepG2 cells with 58K Golgi protein antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-58K Golgi protein antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-58K Golgi protein antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-FTCD antibody	58K protein antibodies are excellent for use as markers for the Golgi complex. The 58K protein has been identified as being FTCD, a bifunctional enzyme that channels 1-carbon units from formiminoglutamate, a metabolite of the histidine degradation pathway, to the folate pool. Defects in FTCD are the cause of glutamate formiminotransferase deficiency [also known as formiminoglutamicaciduria (FIGLU-uria)], an autosomal recessive disorder. Features of a severe phenotype include elevated levels of formiminoglutamate (FIGLU) in the urine in response to histidine administration, megaloblastic anemia and mental retardation. Features of a mild phenotype include high urinary excretion of FIGLU in the absence of histidine administration, mild developmental delay and no hematological abnormalities.
Product Categories/Family for anti-FTCD antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	11140815
NCBI GeneID	10841
NCBI Accession #	NP_006648.1
NCBI GenBank Nucleotide #	NM_006657.2
UniProt Accession #	O95954; Q86V03; Q9HCT4; Q9HCT5; Q9HCT6; Q9UJH2; B9EGD0
NCBI Official Full Name	formimidoyltransferase-cyclodeaminase
NCBI Official Synonym Full Names	formimidoyltransferase cyclodeaminase
NCBI Official Symbol	FTCD
NCBI Official Synonym Symbols	LCHC1
NCBI Protein Information	formimidoyltransferase-cyclodeaminase; formiminotransferase cyclodeaminase; formiminotransferase-cyclodeaminase
UniProt Protein Name	Formimidoyltransferase-cyclodeaminase
UniProt Gene Name	FTCD
UniProt Synonym Gene Names	FTCD
UniProt Entry Name	FTCD_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/58k-golgi-protein-antibody-clone-jf099-5-flow-cytometry-immunohistochemistry-western-blot-elisa/312433>