

## Basic Information

Product Name	Anti-FTCD Antibody (Clone#OTI7C5)
Gene Name	FTCD
Source	Mouse
Clonality	Monoclonal
Isotype	IgG1
Species Reactivity	human, monkey
Tested Application	WB, FCM
Contents	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Immunogen	Full length human recombinant protein of human FTCD(NP_006648) produced in HEK293T cell.
Concentration	500 ug/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Observed MW	58.7 kDa
Dilution Ratios	Western blot (WB): 1:500~2000 Flow cytometry (FCM):1:100

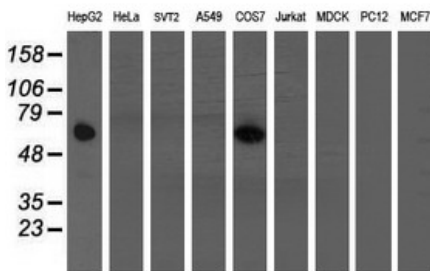
## Storage

Stable for 12 months from date of receipt. Store at -20°C as received.

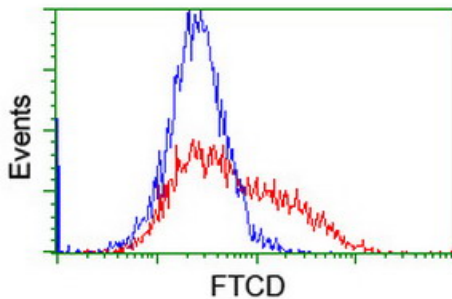
## Background Information

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. [provided by RefSeq, Dec 2009]

## Selected Validation Data



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-FTCD monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



HEK293T cells transfected with either overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-FTCD antibody, and then analyzed by flow cytometry.