

Anti-FTCD Antibody (8Y63)

Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 59 kDa. Actual: 58 kDa.
Clone:	8Y63
Purification:	Protein A purified

Applications

Verified Activity:	<p>1. The HepG2 (H) cells were fixed with 4% PFA (10 min at r. T.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, the cells then were incubated in 5% BSA to block non-specific protein-protein interactions (30 min at r. T.), followed by secondary antibody incubation for 40 min at room temperature. Primary Antibody (green): Rabbit Anti-FTCD antibody (TMAB-06193, 1: 100); Isotype Control (orange): Rabbit IgG. Blank control (black): PBS. Acquisition of 20,000 events was performed.</p> <p>2. Paraformaldehyde-fixed, paraffin embedded Human Liver Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with FTCD Monoclonal Antibody, Unconjugated (TMAB-06193) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.</p> <p>3. Paraformaldehyde-fixed, paraffin embedded Human Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with FTCD Monoclonal Antibody, Unconjugated (TMAB-06193) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.</p> <p>4. Paraformaldehyde-fixed, paraffin embedded Human Kidney; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with FTCD Monoclonal Antibody, Unconjugated (TMAB-06193) at 1:200 overnight at 4°C, followed by conjugation to the Goat Anti-Rabbit IgG H&L-HRP and DAB staining.</p>
Application:	IHC-P,IHC-Fr,FCM,IF
Recommended	IHC-P=1:100-500,IHC-F=1:100-500,Flow-Cyt=1:50-100,IF=1:100-500

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen: A synthesized peptide: human FTCD
Antigen Species: Human
Gene ID: 10841
Uniprot ID: O95954

Research Background

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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