

## Anti-FH antibody [7F1] (STJ96975)

STJ96975

## **GENERAL INFORMATION**

Product Type Primary antibodies

Short Mouse monoclonal antibody anti-Fumarate Hydratase-Mitochondrial is suitable for use in Western Blot, Immunohistochemistry,

**Description** Immunofluorescence and Immunocytochemistry research applications.

 $\begin{tabular}{ll} \textbf{Applications} & WB, IHC-P, IF, ICC \\ \end{tabular}$ 

Host/Source Mouse Reactivity Human, Mouse, Rat

## **PRODUCT PROPERTIES**

Clonality Monoclonal Clone ID 7F1

Concentration

Conjugation Unconjugated

Purification The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.

**Dilution** WB 1:3000 **Range** IF 1:200 IHC 1:50-300

Formulation PBS, pH 7.4, 0.5% BSA, 0.02% Sodium Azide and 50% Glycerol.

Isotype IgG1

Storage Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

Instruction

## **TARGET INFORMATION**

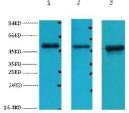
Gene ID 2271 Gene Symbol FH

Uniprot ID FUMH\_HUMAN Immunogen Synthetic peptide of FH

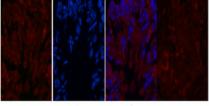
Immunogen Region

Specificity FH monoclonal antibody (Fumarate Hydratase-Mitochondrial) binds to endogenous Fumarate Hydratase-Mitochondrial. Immunogen

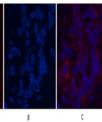
Sequence



Western blot analysis of 1) 293T, 2) HepG2, 3) Hela diluted at 1:3000.



mmunofluorescence analysis of Mouse-testis tissue. 1, FH monoclonal antibody (7F1) (red) was diluted at 1:200 4°C, overnight). 2, Cy3 labled Secondary antibody as diluted at 1:300 (room temperature, 50min).3, Picture B: DAPI (blue) 10min. Picture A:Target, Floture B: DAPI.



Immunofluorescence analysis of Human-liver-cancer tissue. 1, FH monoclonal antibody (7F1) (red) was diluted at 1:200 (4°C, overnight). 2, Cy3 lablec Secondary antibody was diluted at 1:300 (room temperature, 50min).3, Picture B: DAPI (blue) 10min. Picture ATamet Picture B: DAPI (blue) 10min.



Immunohistochemical analysis of parafith-embedde Mouse-heart tissue. 1, FH monoclonal antibody (FF was diluted at 1:200 (4°C, overnight). 2, Sodium citrat pH 6.0 was used for antibody retrieval (598°C, 20min 3, Secondary antibody was diluted at 1:200 (nor tempeRature, 30min). Negative control was used b secondary antibody only.