

## FH Monoclonal Antibody | anti-FH antibody

FH Rabbit mAb

|                               |                                   |                                        |                                                         |
|-------------------------------|-----------------------------------|----------------------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA314359</b> | HOST<br><b>Recombinant Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot</b> |
|-------------------------------|-----------------------------------|----------------------------------------|---------------------------------------------------------|

### PRODUCT SYNONYMS

FH; Monoclonal Antibody; FH Rabbit mAb; MCL; FMRD; LRCC; HLRCC; MCUL1; HsFH; Fumarase; anti-FH antibody

### PRODUCT SPECIFICATIONS

|                                              |                                                                                                        |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------|
| Host                                         | Recombinant Rabbit                                                                                     |
| Reactivity                                   | Human, Mouse, Rat                                                                                      |
| Clonality                                    | Monoclonal                                                                                             |
| Isotype                                      | Rabbit IgG                                                                                             |
| Clone Number                                 | S08-3F2                                                                                                |
| Purity/Purification                          | Affinity Purified                                                                                      |
| Form/Format                                  | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA                  |
| Concentration                                | 0.3mg/ml (varies by lot)                                                                               |
| Applicable Applications for anti-FH antibody | IF (Immunofluorescence), WB (Western Blot)                                                             |
| Immunogen                                    | A synthetic peptide of human FH                                                                        |
| Conjugation                                  | Unconjugated                                                                                           |
| Modification                                 | Unmodification                                                                                         |
| Preparation and Storage                      | Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles. |

### IMAGES


**IF (Immunofluorescence)**

Immunofluorescence of FH (green) in hela using FH Rabbit mAb at dilution 1/50, and DAPI(blue)


**WB (Western Blot)**

Western blot detection of FH/Fumarase in CHO-K1,C6,Jurkat cell lysates using FH/Fumarase Rabbit mAb(1:500 diluted).Predicted band size:55kDa.Observed band size:49kDa.

### ADDITIONAL INFORMATION

|                                                  |                                                                                                                                                                                                                                                                                                     |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-FH antibody | Also acts as a tumor suppressor.MiscellaneousThere are 2 substrate-binding sites: the catalytic A site, and the non-catalytic B site that may play a role in the transfer of substrate or product between the active site and the solvent. Alternatively, the B site may bind allosteric effectors. |
| Product Categories/Family for anti-FH antibody   | Primary Antibody                                                                                                                                                                                                                                                                                    |

NCBI AND UNIPROT INFORMATION

|                                  |                                             |
|----------------------------------|---------------------------------------------|
| NCBI GI #                        | 19743875                                    |
| NCBI GeneID                      | 2271                                        |
| NCBI Accession #                 | NP_000134.2                                 |
| NCBI GenBank Nucleotide #        | NM_000143.3                                 |
| UniProt Accession #              | P07954                                      |
| Molecular Weight                 | 54,637 Da                                   |
| NCBI Official Full Name          | fumarate hydratase, mitochondrial           |
| NCBI Official Synonym Full Names | fumarate hydratase                          |
| NCBI Official Symbol             | FH                                          |
| NCBI Official Synonym Symbols    | MCL; LRCC; HLRCC; MCUL1                     |
| NCBI Protein Information         | fumarate hydratase, mitochondrial; fumarase |
| UniProt Protein Name             | Fumarate hydratase, mitochondrial           |
| UniProt Gene Name                | <b>FH</b>                                   |
| UniProt Synonym Gene Names       | Fumarase                                    |
| UniProt Entry Name               | FUMH_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/fh-antibody-clone-s08-3f2-immunofluorescence-western-blot-elisa/314359>