

## Mouse TFEB Monoclonal Antibody | anti-TFEB antibody

Mouse monoclonal antibody Anti-Human TFEB

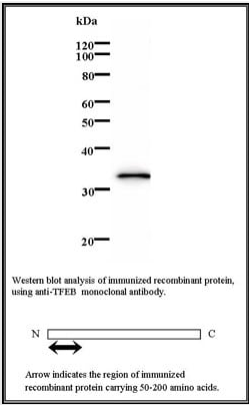
|                              |                      |                                     |
|------------------------------|----------------------|-------------------------------------|
| CATALOG #<br><b>AAA10615</b> | HOST<br><b>Mouse</b> | APPLICATIONS<br><b>Western Blot</b> |
|------------------------------|----------------------|-------------------------------------|

### PRODUCT SYNONYMS

TFEB; Monoclonal Antibody; Mouse monoclonal antibody Anti-Human TFEB; anti-TFEB antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                                                        |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Mouse                                                                                                                                                                                                                                                                  |
| Clonality                                      | Monoclonal                                                                                                                                                                                                                                                             |
| Isotype                                        | IgG1                                                                                                                                                                                                                                                                   |
| Clone Number                                   | 319C2a                                                                                                                                                                                                                                                                 |
| Purity/Purification                            | This antibody was purified using protein A column chromatography from ascites.                                                                                                                                                                                         |
| Form/Format                                    | Mouse monoclonal anti-human TFEB antibody in PBS (3.0 mM KCl, 1.5 mM KH <sub>2</sub> PO <sub>4</sub> , 140 mM NaCl, 8.0 mM Na <sub>2</sub> HPO <sub>4</sub> (pH 7.4)) containing 1% bovine serum albumin (BSA) and 0.05% sodium azide (NaN <sub>3</sub> ).             |
| Concentration                                  | 100ug/mL (1.0mL) (varies by lot)                                                                                                                                                                                                                                       |
| Applicable Applications for anti-TFEB antibody | WB (Western Blot)                                                                                                                                                                                                                                                      |
| Immunogen                                      | Recombinant                                                                                                                                                                                                                                                            |
| Sterility                                      | Filtered through a 0.22 um membrane.                                                                                                                                                                                                                                   |
| Disposal                                       | This antibody solution contains sodium azide (NaN <sub>3</sub> ) as a preservative. There is a potential hazard that NaN <sub>3</sub> reacts with copper or lead to produce an explosive compound. For safe disposal, the vial has to be washed thoroughly with water. |
| Preparation                                    | This antibody was purified using protein A column chromatography from ascites.                                                                                                                                                                                         |
| Preparation and Storage                        | Store at 2-8°C for up to one year.<br>We recommend storing at -20°C for long-term storage.<br>Avoid repeat freezing and thawing cycles.                                                                                                                                |



WB (Western Blot)

ADDITIONAL INFORMATION

|            |                                                                                                                                  |
|------------|----------------------------------------------------------------------------------------------------------------------------------|
| References | <a href="#">Methods to Monitor and Manipulate TFEB Activity During Autophagy</a> . D.L. Medina, C. Settembre, A. Ballabio (2016) |
|------------|----------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 268607698                                                                                          |
| NCBI GeneID                      | 7942                                                                                               |
| NCBI Accession #                 | <a href="#">NP_009093.1</a>                                                                        |
| NCBI GenBank Nucleotide #        | <a href="#">NM_007162</a>                                                                          |
| NCBI Official Full Name          | Homo sapiens transcription factor EB (TFEB), transcript variant 1, mRNA                            |
| NCBI Official Synonym Full Names | transcription factor EB                                                                            |
| NCBI Official Symbol             | TFEB                                                                                               |
| NCBI Official Synonym Symbols    | TCFEB; BHLHE35; ALPHATFEB                                                                          |
| NCBI Protein Information         | transcription factor EB; T-cell transcription factor EB; class E basic helix-loop-helix protein 35 |
| UniProt Protein Name             | Transcription factor EB                                                                            |
| UniProt Gene Name                | <b>TFEB</b>                                                                                        |
| UniProt Entry Name               | TFEB_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/tfeb-antibody-clone-319c2a-western-blot-elisa/10615>