



# BHE22 mouse mAb

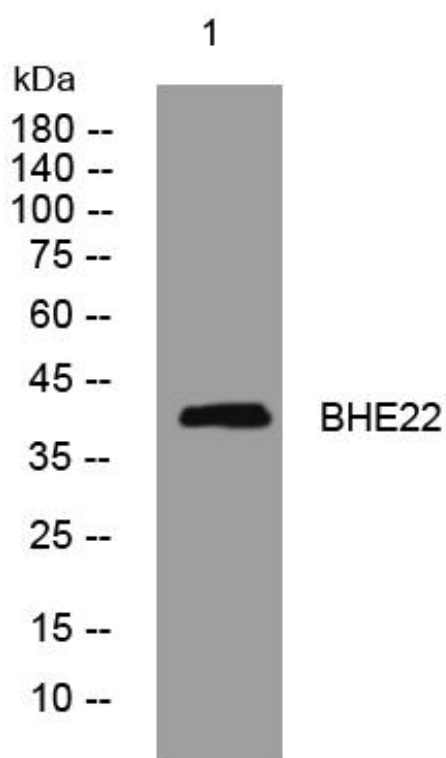
|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                | YP-mAb-11599                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Isotype</b>                   | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Reactivity</b>                | Human; Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Applications</b>              | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Gene Name</b>                 | BHLHE22 BHLHB5 TNRC20                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Protein Name</b>              | BHE22                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Immunogen</b>                 | Synthesized peptide derived from human BHE22 AA range: 243-293                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Specificity</b>               | This antibody detects endogenous levels of BHE22 at Human/Mouse                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Formulation</b>               | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>                    | Monoclonal, Mouse,IgG                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Purification</b>              | The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                                                                                |
| <b>Dilution</b>                  | WB 1:500-1:2000                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Concentration</b>             | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Purity</b>                    | ≥90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Storage Stability</b>         | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Synonyms</b>                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Observed Band</b>             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Cell Pathway</b>              | Nucleus .                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Tissue Specificity</b>        | Brain-specific, with the highest expression in the cerebellum.                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Function</b>                  | function:Inhibits DNA binding of TCF3/E47 homodimers and TCF3 (E47)/NEUROD1 heterodimers and acts as a strong repressor of Neurod1 and Myod-responsive genes, probably by heterodimerization with class a basic helix-loop-helix factors. Despite the presence of an intact basic domain, does not bind to DNA.;similarity:Contains 1 basic helix-loop-helix (bHLH) domain.;tissue specificity:Brain-specific, with the highest expression in the cerebellum.,      |
| <b>Background</b>                | This gene encodes a protein that belongs to the basic helix-loop-helix (bHLH) family of transcription factors that regulate cell fate determination, proliferation, and differentiation. A similar protein in mouse is required for the development of the dorsal cochlear nuclei, and is thought to play a role in in the differentiation of neurons involved in sensory input. The mouse protein also functions in retinogenesis. [provided by RefSeq, Oct 2016], |
| <b>matters needing attention</b> | Avoid repeated freezing and thawing!                                                                                                                                                                                                                                                                                                                                                                                                                                |



### Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using BHE22 mouse mAb