

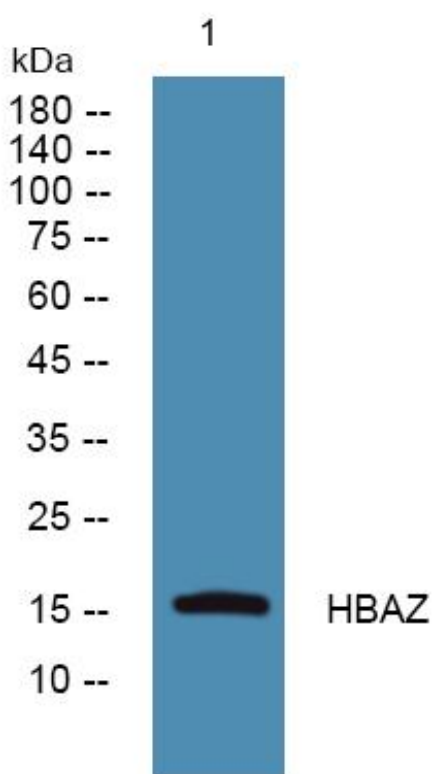


# HBAZ Monoclonal Antibody

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                | YP-mAb-07229                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Isotype</b>                   | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Reactivity</b>                | Human;Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Applications</b>              | WB                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Gene Name</b>                 | HBZ HBZ2                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Protein Name</b>              | Hemoglobin subunit zeta (HBAZ) (Hemoglobin zeta chain) (Zeta-globin)                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Immunogen</b>                 | Synthesized peptide derived from human protein . at AA range: 10-90                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Specificity</b>               | HBAZ Monoclonal Antibody detects endogenous levels of protein.                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Formulation</b>               | Liquid in PBS containing 50% glycerol, 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>             | 15kD                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cell Pathway</b>              | hemoglobin complex,extracellular exosome,                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Tissue Specificity</b>        | Detected in fetal erythrocytes (at protein level).                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Function</b>                  | function:The zeta chain is an alpha-type chain of mammalian embryonic hemoglobin, synthesized primarily in the yolk sac.,similarity:Belongs to the globin family.,subunit:Heterotetramer of two zeta chains and two epsilon chains in early embryonic hemoglobin Gower-1; two zeta chains and two gamma chains in hemoglobin Portland-1.,tissue specificity:Red blood cells.,                                                                                  |
| <b>Background</b>                | Zeta-globin is an alpha-like hemoglobin. The zeta-globin polypeptide is synthesized in the yolk sac of the early embryo, while alpha-globin is produced throughout fetal and adult life. The zeta-globin gene is a member of the human alpha-globin gene cluster that includes five functional genes and two pseudogenes. The order of genes is: 5' - zeta - pseudozeta - mu - pseudoalpha-1 - alpha-2 -alpha-1 - theta1 - 3'. [provided by RefSeq, Nov 2009], |
| <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 HBAZ Monoclonal Antibody