
| | |
|--------------------------|---|
| Product name: | MITF Mouse Monoclonal Antibody |
| Cat number: | MABN86015 |
| Conjugate: | Unconjugated |
| Size: | 100µL |
| Clone: | Monoclonal |
| Concentration: | 1mg/ml |
| Host: | Mouse |
| Isotype: | Mouse IgG1 |
| Immunogen: | This MITF antibody is generated from a mouse immunized with a recombinant protein of human MITF. |
| Reactivity: | Human, Mouse, Rat |
| Applications: | WB 1:1000-1:2000,IHC 1:500-1:2000 |
| Molecular Weight: | 58.8kDa |
| Purification: | Affinity Purification |
| Form: | Liquid |
| Buffer: | Purified antibody in PBS with 0.05% sodium azide. |
| Storage: | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles. |
| Background: | Transcription factor that regulates the expression of genes with essential roles in cell differentiation, proliferation and survival. Binds to symmetrical DNA sequences (E-boxes) (5'- CACGTG-3') found in the promoters of target genes, such as BCL2 and tyrosinase (TYR). Plays an important role in melanocyte development by regulating the expression of tyrosinase (TYR) and tyrosinase-related protein 1 (TYRP1). Plays a critical role in the differentiation of various cell types, such as neural crest- derived melanocytes, mast cells, osteoclasts and optic cup-derived retinal pigment epithelium. |