

## Product datasheet for **TA808855AM**

### **MAD4 (MXD4) Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI5E6]**

#### **Product data:**

|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Clone Name:             | OTI5E6  |
| Applications:           | WB  |
| Recommended Dilution:   | WB 1:2000   |
| Reactivity:             | Human, Mouse  |
| Host:                   | Mouse   |
| Isotype:                | IgG1  |
| Clonality:              | Monoclonal  |
| Immunogen:              | Full length human recombinant protein of human MXD4(NP_006445) produced in E.coli.  |
| Formulation:            | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.  |
| Concentration:          | 0.5 mg/ml   |
| Purification:           | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)   |
| Conjugation:            | Biotin  |
| Storage:                | Store at -20°C as received.   |
| Stability:              | Stable for 12 months from date of receipt.  |
| Predicted Protein Size: | 23.3 kDa  |
| Gene Name:              | MAX dimerization protein 4  |
| Database Link:          | <a href="#">NP_006445</a><br><a href="#">Entrez Gene 17122 Mouse</a> <a href="#">Entrez Gene 10608 Human</a><br><a href="#">Q14582</a>  |
| Background:             | This gene is a member of the MAD gene family . The MAD genes encode basic helix-loop-helix-leucine zipper proteins that heterodimerize with MAX protein, forming a transcriptional repression complex. The MAD proteins compete for MAX binding with MYC, which heterodimerizes with MAX forming a transcriptional activation complex. Studies in rodents suggest that the MAD genes are tumor suppressors and contribute to the regulation of cell growth in differentiating tissues. [provided by RefSeq, Jul 2008] |

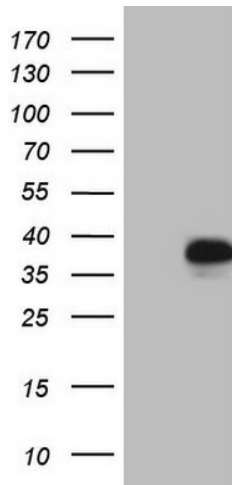


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Synonyms: bHLHc12; MAD4; MST149; MSTP149

Protein Families: Druggable Genome, Transcription Factors

### Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MXD4 ([RC209651], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-MXD4 (1:2000). Positive lysates [LY416638] (100ug) and [LC416638] (20ug) can be purchased separately from OriGene.