

## Product datasheet for **TA812381**

### **c Maf (MAF) Mouse Monoclonal Antibody [Clone ID: OTI8F4]**

#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	OTI8F4
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human MAF (NP_001026974) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	MAF bZIP transcription factor
Database Link:	<a href="#">NP_001026974</a> <a href="#">Entrez Gene 17132 Mouse</a> <a href="#">Entrez Gene 54267 Rat</a> <a href="#">Entrez Gene 4094 Human</a> <a href="#">O75444</a>

**Background:** The protein encoded by this gene is a DNA-binding, leucine zipper-containing transcription factor that acts as a homodimer or as a heterodimer. Depending on the binding site and binding partner, the encoded protein can be a transcriptional activator or repressor. This protein plays a role in the regulation of several cellular processes, including embryonic lens fiber cell development, increased T-cell susceptibility to apoptosis, and chondrocyte terminal differentiation. Defects in this gene are a cause of juvenile-onset pulverulent cataract as well as congenital cerulean cataract 4 (CCA4). Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2010]

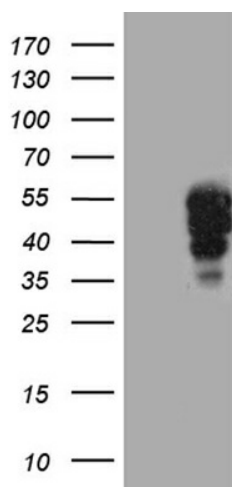


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**Synonyms:** AYGRP; c-MAF; CCA4; CTRCT21

**Protein Families:** Druggable Genome, Transcription Factors

**Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MAF ([RC216495], 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-MAF (1:2000).