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MAF Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant MAF.
Catalog # AT2760a

Product Information

Application	WB, IF, E
Primary Accession	O75444
Other Accession	NM_005360
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2b Kappa
Clone Names	6B6
Calculated MW	38492

Additional Information

Gene ID	4094
Other Names	Transcription factor Maf, Proto-oncogene c-Maf, V-maf musculoaponeurotic fibrosarcoma oncogene homolog, MAF
Target/Specificity	MAF (NP_005351, 304 a.a. ~ 403 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IF~~1:50~200 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	MAF Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

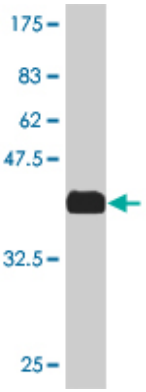
Background

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.

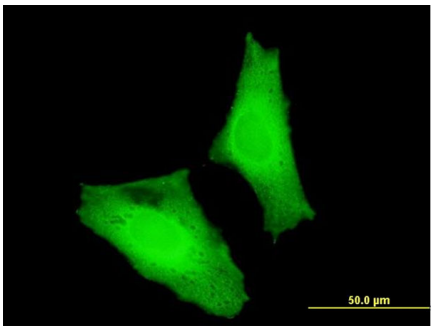
References

Genetic variants that affect length/height in infancy/early childhood in Vietnamese-Korean families. Kim HN, et al. J Hum Genet, 2010 Jul 29. PMID 20668459.Evaluating the discriminative power of multi-trait genetic risk scores for type 2 diabetes in a northern Swedish population. Fontaine-Bisson B, et al. Diabetologia, 2010 Oct. PMID 20571754.SUMOylation attenuates c-Maf-dependent IL-4 expression. Lin BS, et al. Eur J Immunol, 2010 Apr. PMID 20127678.KSHV-encoded miRNAs target MAF to induce endothelial cell reprogramming. Hansen A, et al. Genes Dev, 2010 Jan 15. PMID 20080955.Transcriptional activation of human MMP-13 gene expression by c-Maf in osteoarthritic chondrocyte. Li T, et al. Connect Tissue Res, 2010. PMID 20067416.

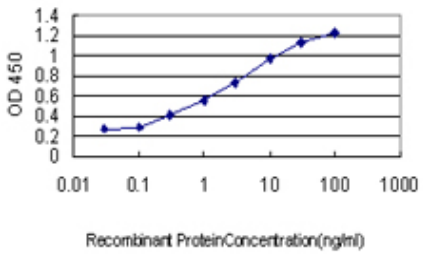
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.74 KDa) .



Immunofluorescence of monoclonal antibody to MAF on HeLa cell . [antibody concentration 10 ug/ml]



Detection limit for recombinant GST tagged MAF is approximately 0.1ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.