

anti- MAF antibody

Product Information

Catalog No.:	FNab04929
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Acts as a transcriptional activator or repressor. Involved in embryonic lens fiber cell development. Recruits the transcriptional coactivators CREBBP and/or EP300 to crystallin promoters leading to up-regulation of crystallin gene during lens fiber cell differentiation. Activates the expression of IL4 in T helper 2(Th2) cells. Increases T-cell susceptibility to apoptosis by interacting with MYB and decreasing BCL2 expression. Together with PAX6, transactivates strongly the glucagon gene promoter through the G1 element. Activates transcription of the CD13 proximal promoter in endothelial cells. Represses transcription of the CD13 promoter in early stages of myelopoiesis by affecting the ETS1 and MYB cooperative interaction. Involved in the initial chondrocyte terminal differentiation and the disappearance of hypertrophic chondrocytes during endochondral bone development. Binds to the sequence 5'-[GT]G[GC]N[GT]NCTCAGNN-3' in the L7 promoter. Binds to the T-MARE(Maf response element) sites of lens-specific alpha-and beta-crystallin gene promoters. Binds element G1 on the glucagon promoter. Binds an AT-rich region adjacent to the TGC motif(atypical Maf response element) in the CD13 proximal promoter in endothelial cells(By similarity). When overexpressed, represses anti-oxidant response element(ARE)-mediated transcription. Involved either as an oncogene or as a tumor suppressor, depending on the cell context. Binds to the ARE sites of detoxifying enzyme gene promoters.

Immunogen information

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Immunogen: v-maf musculoaponeurotic fibrosarcoma oncogene homolog
Synonyms: c MAF, cMAF, MAF, Proto oncogene c Maf, Transcription factor Maf
Observed MW: 50 kDa
Uniprot ID : O75444

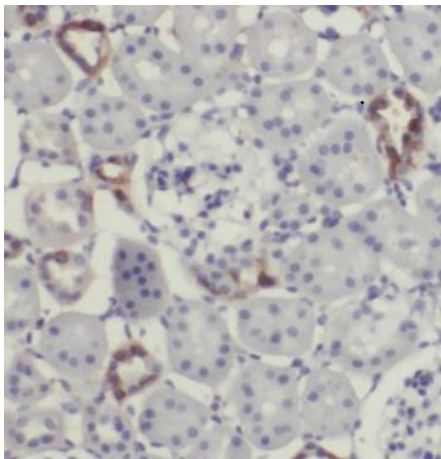
Application

Reactivity: Human, Mouse, Rat

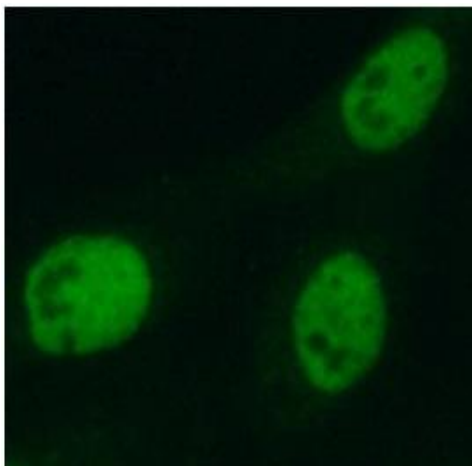
Tested Application: ELISA, IHC, WB, IP,IF

Recommended dilution:WB: 1:200-1:2000; IP: 1:200-1:2000; IHC: 1:20-1:200; IF: 1:50-1:500

Image:



Immunohistochemistry of paraffin-embedded human kidney tissue slide using FNab04929(MAF Antibody) at dilution of 1:50



Immunofluorescent analysis of A431 cells using FNab04929(MAF antibody) at dilution of 1:50

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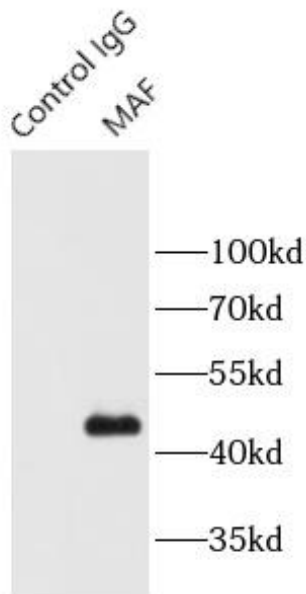
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IP Result of MAF antibody(IP: FNab04929, 4 μ g ;
Detection: FNab04929 1:500) with A431 cell
lysate 2000 μ g.



A431 cells were subjected to SDS PAGE followed
by western blot with FNab04929(MAF antibody)
at dilution of 1:500

