

## Immunotag™ MafB Antibody

Antibody Specification	
Catalog No.	ITA8636
Product Description	Immunotag™ MafB Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	MafB
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,ELISA
Recommended Dilution	WB 1:1000-3000 IHC 1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human MafB
Specificity	MafB Antibody detects endogenous levels of total MafB
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	MAFB
Accession No.	Q9Y5Q3
Alternate Names	Kreisler; Kreisler (mouse) maf related leucine zipper homolog; Kreisler maf related leucine zipper homolog; KRML; Maf-B; Mafb; MAFB/Kreisler basic region/leucine zipper transcription factor; MAFB_HUMAN; MGC43127; Segmentation protein KR; Transcription factor MafB; V maf musculoaponeurotic fibrosarcoma oncogene homolog B (avian); V-maf musculoaponeurotic fibrosarcoma oncogene homolog B;

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Description	Acts as a transcriptional activator or repressor (PubMed:27181683). Plays a pivotal role in regulating lineage-specific hematopoiesis by repressing ETS1-mediated transcription of erythroid-specific genes in myeloid cells. Required for monocytic, macrophage, osteoclast, podocyte and islet beta cell differentiation. Involved in renal tubule survival and F4/80 maturation. Activates the insulin and glucagon promoters. Together with PAX6, transactivates weakly the glucagon gene promoter through the G1 element. SUMO modification controls its transcriptional activity and ability to specify macrophage fate. Binds element G1 on the glucagon promoter (By similarity). Involved either as an oncogene or as a tumor suppressor, depending on the cell context.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	36 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.