

Immunotag™ PRDM14 Antibody

Antibody Specification	
Catalog No.	ITA7448
Product Description	Immunotag™ PRDM14 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	PRDM14
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,IP,ELISA,CHIP
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200 IF 1:50-1:200 IP 1:20-1:100 CHIP 1:20-1:100
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human PRDM14
Specificity	PRDM14 Antibody detects endogenous levels of total PRDM14
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	PRDM14
Accession No.	Q9GZV8
Alternate Names	MGC59730; PFM 11; PFM11; PR domain containing 14; PR domain zinc finger protein 14; PR domain-containing protein 14; PRD14_HUMAN; PRDM 14; PRDM14;

Antibody Specification

Description	Transcription factor that has both positive and negative roles on transcription. Required for the maintenance of embryonic stem cell identity and the reacquisition of pluripotency in somatic cells. May play an essential role in germ cell development at 2 levels: the reacquisition of potential pluripotency, including SOX2 up-regulation, and successful epigenetic reprogramming, characterized by EHMT1 repression. Its association with CBFA2T2 is required for the functions in pluripotency and germ cell formation (By similarity). Directly up-regulates the expression of pluripotency gene POU5F1 through its proximal enhancer. Binds to the DNA consensus sequence 5'-GGTC[TC]CTAA-3'.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	64kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.