

# Immunotag™ TFE3 Antibody

Antibody Specification	
Catalog No.	ITA4002
Product Description	Immunotag™ TFE3 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	TFE3
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB 1:500~1:1000 IHC: 1:50~1:200, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	A synthesized peptide
Specificity	TFE3 Antibody detects endogenous levels of total TFE3
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	TFE3
Accession No.	P19532
Alternate Names	bHLH e33; bHLHe33; Class E basic helix-loop-helix protein 33; RCCP 2; RCCP2; RCCX1; Renal cell carcinoma, papillary; Tcfe 3; Tcfe3; TFE 3; Tfe3; TFE3_HUMAN; TFEA; Transcription factor binding to IGHM enhancer 3; Transcription factor E family, member A; Transcription factor E3; Transcription factor for IgH enhancer; Transcription factor for immunoglobulin heavy chain enhancer 3;

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Description	Transcription factor that specifically recognizes and binds E-box sequences (5'-CANNTG-3'). Efficient DNA-binding requires dimerization with itself or with another MiT/TFE family member such as TFEB or MITF. In association with TFEB, activates the expression of CD40L in T-cells, thereby playing a role in T-cell-dependent antibody responses in activated CD4+ T-cells and thymus-dependent humoral immunity. Specifically recognizes the MUE3 box, a subset of E-boxes, present in the immunoglobulin enhancer. It also binds very well to a USF/MLTF site.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	62 KD
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.