

# Immunotag™ TCF4/12 Antibody

Antibody Specification	
Catalog No.	ITA5450
Product Description	Immunotag™ TCF4/12 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	TCF4/12
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IF/ICC,ELISA
Recommended Dilution	WB 1:500~1:1000, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide
Specificity	TCF4/12 Antibody detects endogenous levels of total TCF4/12
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	TCF4
Accession No.	P15884/Q99081

## Antibody Specification

Alternate Names	bHLHb19; Class B basic helix-loop-helix protein 19; E2 2; FECD3; Immunoglobulin transcription factor 2; ITF 2; ITF-2; ITF2; ITF2_HUMAN; MGC149723; MGC149724; PTHS; SEF 2; SEF-2; SEF2 1; SEF2 1A; SEF2 1B; SEF2 1D; SEF2; SL3 3 enhancer factor 2; SL3-3 enhancer factor 2; TCF 4; TCF-4; TCF4; Transcription factor 4; Transcription factor 4, isoform C; Transcription factor 4, isoform D; Transcription factor 4, isoform E; Transcription factor 4, isoform L; Transcription factor 4, isoform M; Transcription factor 4, isoform R; bHLHb20; Class B basic helix-loop-helix protein 20; DNA binding protein HTF4; DNA-binding protein HTF4; E box binding protein; E-box-binding protein; HEB; Helix loop helix transcription factor 4; HsT17266; HTF4; HTF4_HUMAN; TCF-12; Tcf12; Transcription factor 12; Transcription factor HTF-4; Transcription factor HTF4;
Description	Transcription factor that binds to the immunoglobulin enhancer Mu-E5/KE5-motif. Involved in the initiation of neuronal differentiation. Activates transcription by binding to the E box (5'-CANNTG-3'). Binds to the E-box present in the somatostatin receptor 2 initiator element (SSTR2-INR) to activate transcription (By similarity). Preferentially binds to either 5'-ACANNTGT-3' or 5'-CCANNTGG-3'.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	60 KD
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.