

TCF3/TCF4 Monoclonal Antibody (6F12-3)

Catalog NumberMA1-25418

Product data sheet

Details		Species Reactivity	
Size	25 µg	Species reactivity	Human, Mouse
Host/Isotope	Mouse / IgG1	Tested Applications	Dilution *
Class	Monoclonal		
Type	Antibody		
Clone	6F12-3	Immunohistochemistry (Paraffin) (IHC (P))	Assay-dependent
Immunogen	His-tagged fusion protein corresponding to residues 31-331 of human TCF4.	Western Blot (WB)	1-4 µg/mL
		* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	0.53 mg/mL		
Purification	Protein G		
Storage buffer	0.1M tris glycine, pH 7.4, with 0.15 M NaCl, 30% glycerol		
Contains	0.08% sodium azide		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Background/Target Information

TCF 4 (T cell factor 4) is a member of the TCF/LEF (lymphoid enhancer factor) family of transcription factors. Members of this family along with b catenin, are involved in mediating Wnt signaling by transactivating downstream genes. TCF 4 generates transcriptionally active complexes with b catenin in colon carcinoma cells. Expression of TCF 4 is highest in the CNS and intestinal epithelium where Wnt signaling also plays an essential role in development. Aberrant TCF 4 transcription activity has been implicated in carcinogenesis of intestinal and mammary epithlia.

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