

Mouse Monoclonal Antibody to TCF4

Catalogue Number	sAP-1479
Target Molecule	Name: TCF4 Aliases: HGFR; AUTS9; RCCP2; c-Met; DFNB97 MW: 155kDa Entrez Gene ID: 4233
Description	This gene encodes transcription factor 4, a basic helix-loop-helix transcription factor. The encoded protein recognizes an Ephrussi-box ('E-box') binding site ('CANNTG') - a motif first identified in immunoglobulin enhancers. This gene is broadly expressed, and may play an important role in nervous system development. Defects in this gene are a cause of Pitt-Hopkins syndrome. In addition, an intronic CTG repeat normally numbering 10-37 repeat units can expand to >50 repeat units and cause Fuchs endothelial corneal dystrophy. Multiple alternatively spliced transcript variants that encode different proteins have been described. ;
Immunogen	Purified recombinant fragment of human TCF4 (AA: 518-667) expressed in E. Coli.
Recitative Species	Human;
Clone	MM4D4C4;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: ; ICC: ; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.J Psychiatr Res. 2015 Oct;69:95-101. ; 2.Haematologica. 2014 Dec;99(12):e257-9.;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**