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FOXP2 Monoclonal Antibody (5C11A8)

Catalog Number **MA5-15903**

Product data sheet

Details	
Size	100 µL
Host/Isotope	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	5C11A8
Immunogen	Purified recombinant fragment of human MAPK3 expressed in E. Coli.
Conjugate	Unconjugated
Form	Liquid
Concentration	Conc. Not Determined
Storage buffer	ascites
Contains	0.03% sodium azide
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

Species Reactivity	
Species reactivity	Human

Tested Applications	Dilution *
ELISA (ELISA)	1:10,000
Western Blot (WB)	1:500-1:2,000

* 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.

Product specific information

MA5-15903 targets FOXP2 in indirect ELISA, WB applications and shows reactivity with Human samples. The MA5-15903 immunogen is purified recombinant fragment of human MAPK3 expressed in E. Coli. . MA5-15903 detects FOXP2 which has a predicted molecular weight of approximately 85kDa.

Background/Target Information

FOXP2 is a member of the forkhead/winged-helix (FOX) family of transcription factors. It is expressed in fetal and adult brain as well as in several other organs such as the lung and gut. The protein product contains a FOX DNA-binding domain and a large polyglutamine tract and is an evolutionarily conserved transcription factor, which may bind directly to approximately 300 to 400 gene promoters in the human genome to regulate the expression of a variety of genes. This gene is required for proper development of speech and language regions of the brain during embryogenesis, and may be involved in a variety of biological pathways and cascades that may ultimately influence language development. Mutations in this gene cause speech-language disorder 1 (SPCH1), also known as autosomal dominant speech and language disorder with orofacial dyspraxia. Multiple alternative transcripts encoding different isoforms have been identified in this gene.

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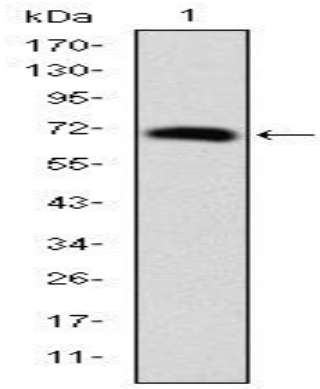
Product Images For FOXP2 Monoclonal Antibody (5C11A8)



FOXP2 Antibody (MA5-15903) in WB

Western blot analysis of FOXP2 using a FOXP2 monoclonal antibody (Product # MA5-15903) against a human FOXP2 (AA: 47-287) recombinant protein.

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