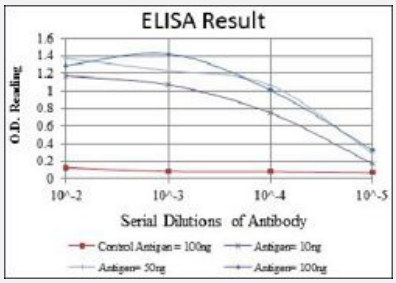
FOXP2 monoclonal antibody, clone 5C11A8

Catalog # MAB17707 Size 100 uL

Applications



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of FOXP2 monoclonal antibody, clone 5C11A8.

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human FOXP2.
Immunogen	Recombinant protein corresponding to human FOXP2 from *E. coli*.
Host	Mouse
Theoretical MW (kDa)	85
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Flow Cytometry Immunocytochemistry Immunohistochemistry Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In ascites (0.03% sodium azide).

Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

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Gene Info — FOXP2

Entrez GeneID	93986
Gene Name	FOXP2
Gene Alias	CAGH44, DKFZp686H1726, SPCH1, TNRC10
Gene Description	forkhead box P2
Omim ID	602081 605317
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an evolutionarily conserved transcription factor expressed in fetal and adult br ain. This transcription factor is a member of the forkhead/winged-helix (FOX) family of transcriptio n factors, and contains a FOX DNA-binding domain and a large polyglutamine tract. Members of t he FOX family of transcription factors are regulators of embryogenesis. The product of this gene i s thought to be required for proper development of speech and language regions of the brain duri ng embryogenesis. Although a point mutation in this gene has been associated with the KE pedig ree segregating developmental verbal dyspraxia, no association between mutations in this gene and another speech disorder, autism, has been found. Multiple alternative transcripts encoding dif ferent isoforms have been identified. [provided by RefSeq
Other Designations	CAG repeat protein 44|OTTHUMP00000067772|forkhead/winged-helix transcription factor|speec h and language disorder 1|trinucleotide repeat containing 10

Disease

- Articulation Disorders
- Attention Deficit Disorder with Hyperactivity

- Autistic Disorder
- Cardiovascular Diseases
- Celiac Disease
- Cleft Lip
- Cleft Palate
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Hallucinations
- Language Development Disorders
- Language Disorders
- Mental Disorders
- NARP
- Obesity
- Psychiatric Status Rating Scales
- Schizophrenia