RecomAb™

FOXP2 recombinant monoclonal antibody, clone RAB-S249

Catalog # RAB03472 Size 100 ug

Specification

Product Description	Human recombinant monoclonal antibody raised against human FOXP2.
Antibody Species	Human
Immunogen	Original antibody is raised against FOXP2 protein under non-denaturing conditions.
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Isotype	Fab fragment kappa
Recommend Usage	ELISA Flow Cytometry The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS with 0.02% Proclin 300
Storage Instruction	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Flow Cytometry
- Enzyme-linked Immunoabsorbent Assay

Gene Info — FOXP2

Entrez GeneID	93986
Gene Name	FOXP2

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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

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- NARP
- Obesity
- Psychiatric Status Rating Scales
- Schizophrenia

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