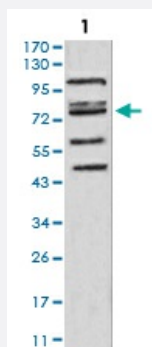


# FOXP2 monoclonal antibody, clone 2G11B8

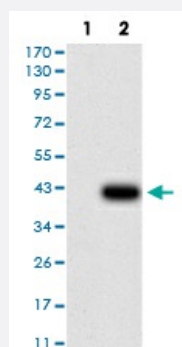
Catalog # MAB17175      Size 100 ug

## Applications



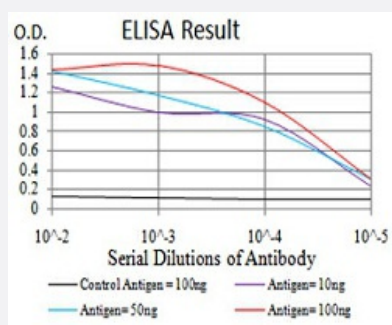
### Western Blot (Cell lysate)

Western blot analysis using FOXP2 monoclonal antibody against HepG2 cell.



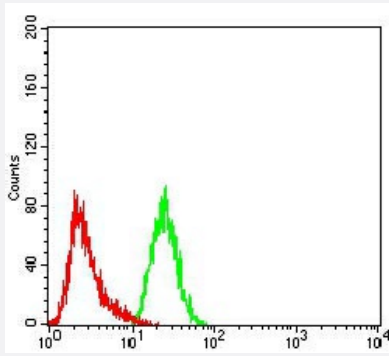
### Western Blot (Transfected lysate)

Western Blot analysis of (1) HEK293 cells, (2) FOXP2-hlgGfc transfected HEK293 cell lysate.



### Enzyme-linked Immunoabsorbent Assay

ELISA analysis of FOXP2 monoclonal antibody, clone 2G11B8.



## Flow Cytometry

Flow cytometric analysis of HeLa cells with FOXP2 monoclonal antibody (green) and negative control (red).

## Specification

|                             |                                                                                                                                                                                                     |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>  | Mouse monoclonal antibody raised against recombinant human FOXP2.                                                                                                                                   |
| <b>Immunogen</b>            | Recombinant protein corresponding to amino acid 641-740 of human FOXP2 from <i>E. coli</i> .                                                                                                        |
| <b>Host</b>                 | Mouse                                                                                                                                                                                               |
| <b>Theoretical MW (kDa)</b> | 80kDa                                                                                                                                                                                               |
| <b>Reactivity</b>           | Human                                                                                                                                                                                               |
| <b>Form</b>                 | Liquid                                                                                                                                                                                              |
| <b>Isotype</b>              | IgG1                                                                                                                                                                                                |
| <b>Recommend Usage</b>      | ELISA (1:10000)<br>Western Blot (1:500-1:2000)<br>Immunohistochemistry<br>Immunocytochemistry<br>Flow Cytometry (1:200-1:400)<br>The optimal working dilution should be determined by the end user. |
| <b>Storage Buffer</b>       | In PBS (0.05% sodium azide).                                                                                                                                                                        |
| <b>Storage Instruction</b>  | Store at 4°C. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing.                                                                                              |
| <b>Note</b>                 | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                                                                              |

## Applications

- Western Blot (Cell lysate)

Western blot analysis using FOXP2 monoclonal antibody against HepG2 cell.

- Western Blot (Transfected lysate)

Western Blot analysis of (1) HEK293 cells, (2) FOXP2-hlgGfc transfected HEK293 cell lysate.

- Enzyme-linked Immunoabsorbent Assay

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- Flow Cytometry

Flow cytometric analysis of HeLa cells with FOXP2 monoclonal antibody (green) and negative control (red).

## 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 brain. This transcription factor is a member of the forkhead/winged-helix (FOX) family of transcription factors, and contains a FOX DNA-binding domain and a large polyglutamine tract. Members of the FOX family of transcription factors are regulators of embryogenesis. The product of this gene is thought to be required for proper development of speech and language regions of the brain during embryogenesis. Although a point mutation in this gene has been associated with the KE pedigree segregating developmental verbal dyspraxia, no association between mutations in this gene and another speech disorder, autism, has been found. Multiple alternative transcripts encoding different isoforms have been identified. [provided by RefSeq]

**Other Designations** CAG repeat protein 44|OTTHUMP00000067772|forkhead/winged-helix transcription factor|speech 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](#)