

## FOXP2 monoclonal antibody

Catalog: MB22088

Host: Mouse

Reactivity: Human

### BackGround:

This gene encodes a member of the fork-head/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 poly-glutamine 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.

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

80kDa

### Swiss-Prot:

O15409

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB:1/500 - 1/2000 FC:1/200 - 1/400

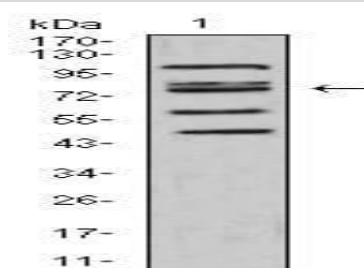
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

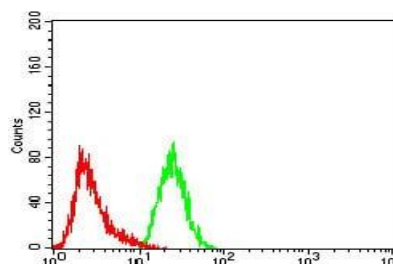
### Isotype:

Mouse IgG1

### DATA:



Western blot analysis using FOXP2 mouse mAb against HepG2 (1) cell lysate.



Flow cytometric analysis of HeLa cells using FOXP2 mouse mAb (green) and negative control (red).

### Note:

For research use only, not for use in diagnostic procedure.

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