

Anti-FOXP2 Antibody

Catalog # AP95831

Product Information

Application	WB, FC
Primary Accession	O15409
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	79919

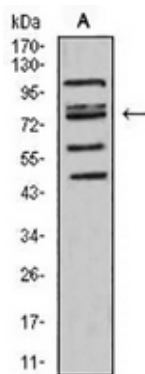
Additional Information

Gene ID	93986
Other Names	CAGH44; TNRC10; Forkhead box protein P2; CAG repeat protein 44; Trinucleotide repeat-containing gene 10 protein
Target/Specificity	Recombinant fusion protein of human FOXP2 expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) FC~~FC (1/100 - 1/200)
Format	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

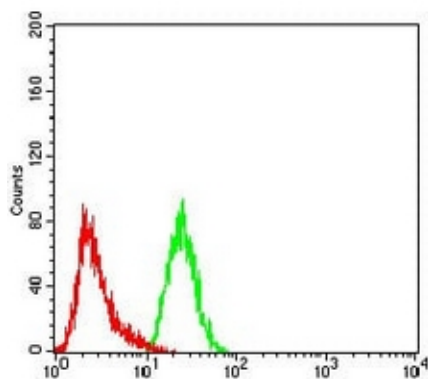
Protein Information

Name	FOXP2
Synonyms	CAGH44, TNRC10
Function	Transcriptional repressor that may play a role in the specification and differentiation of lung epithelium. May also play a role in developing neural, gastrointestinal and cardiovascular tissues. Can act with CTBP1 to synergistically repress transcription but CTPBP1 is not essential. Plays a role in synapse formation by regulating SRPX2 levels. Involved in neural mechanisms mediating the development of speech and language.
Cellular Location	Nucleus.
Tissue Location	Isoform 1 and isoform 6 are expressed in adult and fetal brain, caudate nucleus and lung.

Images



Western blot analysis of FXP2 expression in HepG2 (A) whole cell lysates. (Predicted band size: 80 kD; Observed band size: 80 kD)



Flow cytometric analysis of HeLa cells using Anti-FXP2 Antibody (green) and negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.