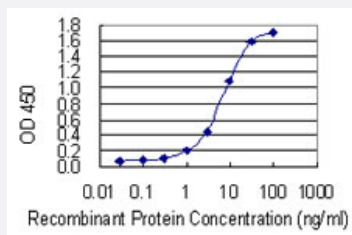


FOXP1 monoclonal antibody (M01), clone 4E3-G11

Catalog # H00027086-M01

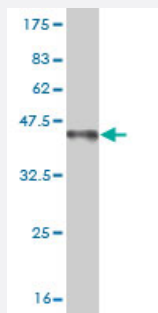
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FOXP1 is 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (38.28 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant FOXP1.
Immunogen	FOXP1 (AAH05055, 1 a.a. ~ 114 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MMQESGTETKSNQSAIQNGSGGSNHLLCGGLREGSRNGETPAVDIGAADLAHAQQQQQQWHL INHQPSPSPSSWLKRLISSPWELEVLQVPLWGAVAETKMSPVCQPNPSPF
Host	Mouse
Reactivity	Human
Isotype	IgG2b

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (38.28 KDa) .

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged FOXP1 is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — FOXP1

Entrez GeneID

[27086](#)

GeneBank Accession#

[BC005055](#)

Protein Accession#

[AAH05055](#)

Gene Name

FOXP1

Gene Alias

12CC4, FLJ23741, HSPC215, MGC12942, MGC88572, MGC99551, QRF1, hFKH1B

Gene Description

forkhead box P1

Omim ID

[605515](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene belongs to subfamily P of the forkhead box (FOX) transcription factor family. Forkhead box transcription factors play important roles in the regulation of tissue- and cell type-specific gene transcription during both development and adulthood. Forkhead box P1 protein contains both DNA-binding- and protein-protein binding-domains. This gene may act as a tumor suppressor as it is lost in several tumor types and maps to a chromosomal region (3p14.1) reported to contain a tumor suppressor gene(s). Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq]

Other Designations

fork head-related protein like Bglutamine-rich factor 1

Publication Reference

- [Characterization of human FOXP1 isoform 2, using monoclonal antibody 4E3-G11, and intron retention as a tissue-specific mechanism generating a novel FOXP1 isoform.](#)

Brown PJ, Kagaya R, Banham AH.

Histopathology 2008 Feb; 52(5):632.

Application: IHC-Fr, IHC-P, WB-Tr, Human, HEK 293T cells

Disease

- [Apraxias](#)
- [Cardiovascular Diseases](#)
- [Developmental Disabilities](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)
- [Vitiligo](#)