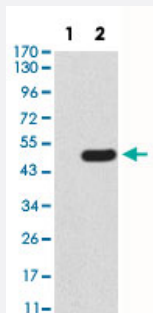


FOXP3 monoclonal antibody, clone 4F12A2

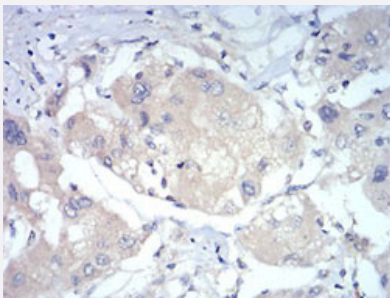
Catalog # MAB17843 Size 100 ug

Applications



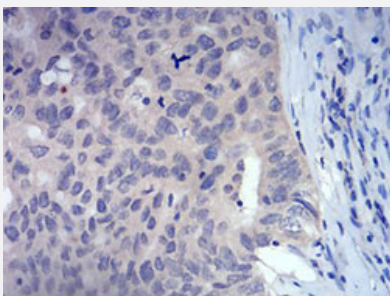
Western Blot (Transfected lysate)

Western Blot (Transfected lysate) analysis of (1) HEK293, (2) FOXP3-hlgGFc transfected HEK293 cell lysate.



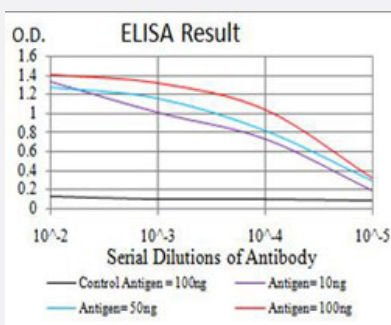
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of liver cancer tissues with DAB staining.



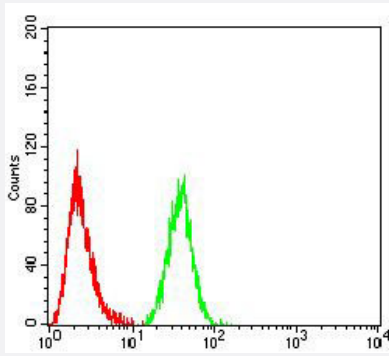
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of ovarian cancer tissues with DAB staining.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of FOXP3 monoclonal antibody.



Flow Cytometry

Flow cytometric analysis of HeLa cells using FOXP3 mouse monoclonal antibody (green) and negative control (red).

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human FOXP3.
Immunogen	Recombinant protein corresponding to amino acids 297-431 of human FOXP3 from <i>E. coli</i> .
Host	Mouse
Theoretical MW (kDa)	47.3
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Flow Cytometry (1:200-400) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) Western Blot (1:100-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western Blot (Transfected lysate) analysis of (1) HEK293, (2) FOXP3-hlgGfc transfected HEK293 cell lysate.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of liver cancer tissues with DAB staining.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of ovarian cancer tissues with DAB staining.

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of FOXP3 monoclonal antibody.

- Flow Cytometry

Flow cytometric analysis of HeLa cells using FOXP3 mouse monoclonal antibody (green) and negative control (red).

Gene Info — FOXP3

Entrez GeneID [50943](#)

Gene Name FOXP3

Gene Alias AIID, DIETER, IPEX, JM2, MGC141961, MGC141963, PIDX, XPID

Gene Description forkhead box P3

Omim ID [222100](#) [300292](#) [304790](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a member of the forkhead/winged-helix family of transcriptional regulators. Defects in this gene are the cause of immunodeficiency polyendocrinopathy, enteropathy, X-linked syndrome (IPEX), also known as X-linked autoimmunity-immunodeficiency syndrome. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]

Other Designations OTTHUMP00000025832|immune dysregulation, polyendocrinopathy, enteropathy, X-linked|immunodeficiency, polyendocrinopathy, enteropathy, X-linked|scurfin

Disease

- [Acute Disease](#)
- [Addison Disease](#)
- [Arthritis](#)
- [Asthma](#)

- [Autoimmune Diseases](#)
- [Autoimmune polyglandular syndrome](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchiolitis](#)
- [Celiac Disease](#)
- [Diabetes Mellitus](#)
- [Egg Hypersensitivity](#)
- [Genetic Predisposition to Disease](#)
- [Graves Disease](#)
- [Hashimoto Disease](#)
- [Hemophilia A](#)
- [Hypersensitivity](#)
- [Infant](#)
- [Leukemia](#)
- [Lupus Erythematosus](#)
- [Psoriasis](#)
- [Respiratory Syncytial Virus Infections](#)
- [Rhinitis](#)
- [Sarcoidosis](#)
- [Thyroiditis](#)