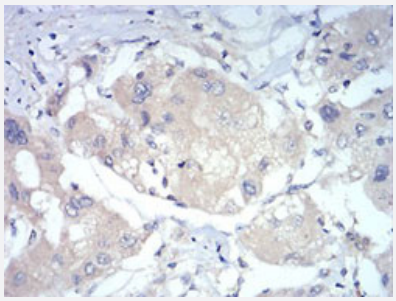
FOXP3 monoclonal antibody, clone 4F12A2

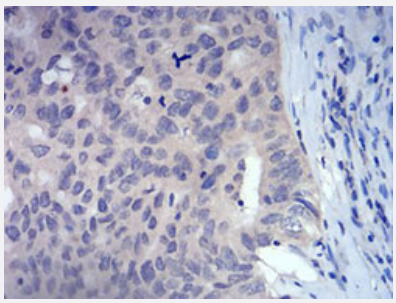
Catalog # MAB17843 Size 100 ug

Applications



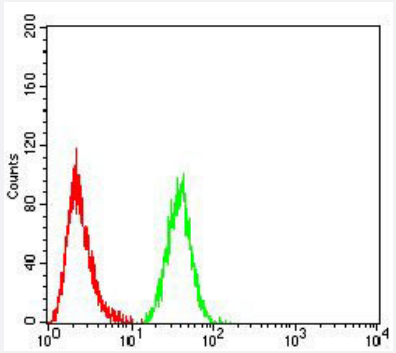
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of liver cancer tissues with DAB staining.



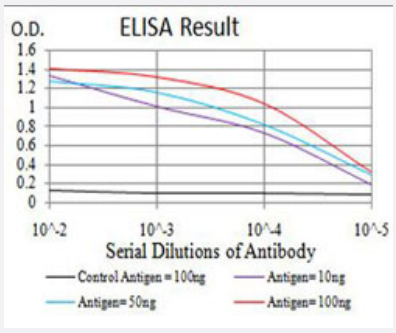
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of ovarian cancer tissues with DAB staining.



Flow Cytometry

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



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of FOXP3 monoclonal antibody.

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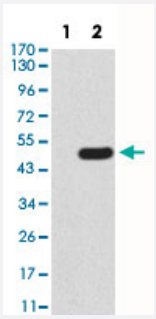

Western Blot (Transfected lysate)

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

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human FOXP3.
Immunogen	Recombinant protein corresponding to amino acids 297-431 of human FOXP3 from *E. coli*.
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 shoul d be handled by trained staff only.

Applications

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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 transcription al regulators. Defects in this gene are the cause of immunodeficiency polyendocrinopathy, entero pathy, X-linked syndrome (IPEX), also known as X-linked autoimmunity-immunodeficiency syndro me. Alternatively spliced transcript variants encoding different isoforms have been identified. [pro vided by RefSeq
Other Designations	OTTHUMP00000025832|immune dysregulation, polyendocrinopathy, enteropathy, X-linked|immu nodeficiency, polyendocrinopathy, enteropathy, X-linked|scurfin

Disease

- Acute Disease
- Addison Disease
- Arthritis
- Asthma

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- 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

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