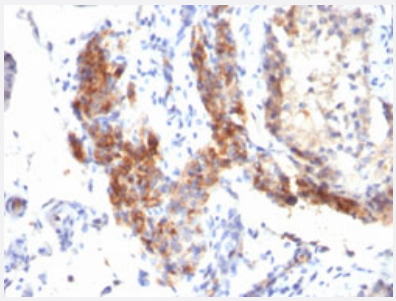
FOXP3 monoclonal antibody, clone SPM579

Catalog # MAB15225 Size 100 ug

Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human testicle tumor with FOXP3 monoclonal antibody, clone SPM579 (Cat # MAB15225).

Specification

Product Description	Mouse monoclonal antibody raised against full length recombinant human FOXP3.
Immunogen	Recombinant protein corresponding to full length human FOXP3.
Host	Mouse
Theoretical MW (kDa)	47-55
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry (0.5-1 ug/10^6 cells in 0.1 mL) Immunofluorescence (0.5-1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS.

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Storage Instruction	Store at -20 to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

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

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human testicle tumor with FOXP3 monoclonal antibody, clone SPM579 (Cat # MAB15225).

- Immunofluorescence
- Flow Cytometry

Gene Info — FOXP3

Entrez GeneID	50943
Protein Accession#	Q9BZS1
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

Publication Reference

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- Scurfin (FOXP3) acts as a repressor of transcription and regulates T cell activation.

  Schubert LA, Jeffery E, Zhang Y, Ramsdell F, Ziegler SF.

  The Journal of Biological Chemistry 2001 Oct; 276(40):37672.

  Application: GSA, IF, WB-Tr, Human, HEK 293T cells, Jurkat cells, Recombinant proteins

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

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- Psoriasis
- Respiratory Syncytial Virus Infections
- Rhinitis
- Sarcoidosis
- Thyroiditis

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