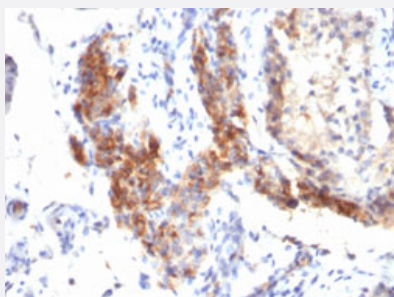


FOXP3 monoclonal antibody, clone SPM579

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.

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

- [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](#)

- [Psoriasis](#)
- [Respiratory Syncytial Virus Infections](#)
- [Rhinitis](#)
- [Sarcoidosis](#)
- [Thyroiditis](#)