

Allgemeine Informationen

Katalog-Nr.: 65089-1-Ig	GenBank-Zugangsnummer: BC132333	Reinigungsmethode: Affinitätsreinigung
Größe: 100ug, 500 µg/ml	GeneID (NCBI): 20371	CloneNo.: 3G3
Wirt: Maus	Vollständiger Name: forkhead box P3	Empfohlene Verdünnungen: IHC 1:50-1:500
Isotyp: IgG1, kappa		

Anwendungen

Geprüfte Anwendungen: FC, IHC	Positivkontrollen: IHC : Mausmilzgewebe,
In Publikationen genannte Anwendungen: IF, IHC	
Getestete Reaktivität: Maus	
Zitierte Arten: Maus	
Hinweis-IHC: Antigenmaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigenmaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

Foxp3 (forkhead box P3), also named as IPEX, JM2 and scurf, is a member of the forkhead transcription factor family and is essential for normal immune homeostasis (PMID: 11138001; 20429413). Foxp3 is specifically expressed in CD4+ CD25+ regulatory T cells and is crucial for their development and suppressive activity (PMID: 12612578; 12612581). In scurf mouse, disruption of Foxp3 results in the fatal lymphoproliferative disorder attributed to the lack of an immune-suppressive component in the immune system (PMID: 25683611; 11138001). Similar to mice, genetic defects in human Foxp3 are the cause of immunodeficiency polyendocrinopathy, enteropathy, X-linked syndrome (IPEX) which also known as X-linked autoimmunity-immunodeficiency syndrome (PMID: 11137993).

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Yuki Hanamatsu	36604986	Thorac Cancer	IHC
Yipeng Zhao	37170724	Adv Sci (Weinh)	IF

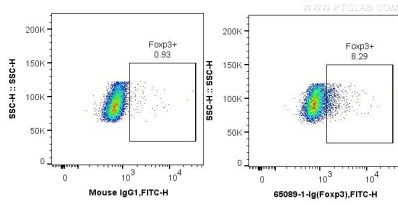
Lagerung

Lagerungsbedingungen:
Store at 2-8°C. Stable for one year after shipment.
Lagerungspuffer:
PBS mit 0,1% Natriumazid, pH 7,3.

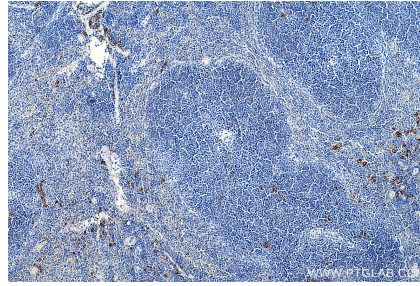
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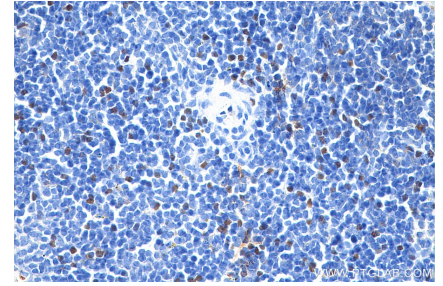
Ausgewählte Validierungsdaten



1x10⁶ mouse splenocytes were intracellularly stained with 0.5 ug Anti-Mouse Foxp3 (65089-1-Ig, Clone:3G3) and FITC anti-Mouse IgG1 Antibody at dilution 1:50, or stained with 0.5 ug mouse IgG1 isotype control and FITC anti-Mouse IgG1 Antibody at dilution 1:50. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 65089-1-Ig (Foxp3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 65089-1-Ig (Foxp3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).