

# FOXP3 (PT0211R) PT™ Rabbit mAb

CatalogNo: YM8133 **Recombinant** 

## Key Features

### Host Species

- Rabbit

### Reactivity

- Human, Mouse, Rat, Pig

### Applications

- WB, IHC, IF, IP, ELISA

### MW

- 47kD (Calculated)
- 47kD (Observed)

### Isotype

- IgG, Kappa

## Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** PBS, 50% glycerol, 0.05% Proclin 300, 0.05% BSA

## Recommended Dilution Ratios

**IHC 1:200-1:1000****WB 1:1000-1:5000****IF 1:200-1:1000****ELISA 1:5000-1:20000****IP 1:50-1:200,**

## Basic Information

**Clonality** Monoclonal**Clone Number** PT0211R

## Immunogen Information

**Specificity** Endogenous

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## Target Information

**Gene name** FOXP3

**Protein Name** Forkhead box protein P3

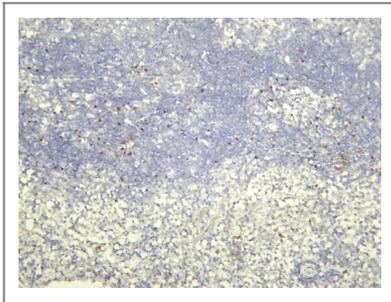
Organism	Gene ID	UniProt ID
Human	<a href="#">50943</a> ;	<a href="#">Q9BZS1</a> ;
Mouse	<a href="#">20371</a> ;	<a href="#">Q99JB6</a> ;

**Cellular Localization** Nucleus

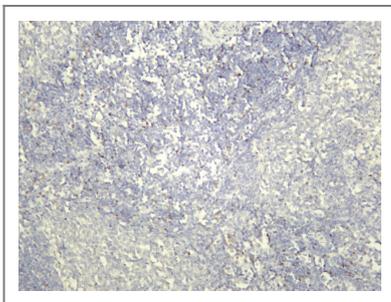
**Function** Disease:Defects in FOXP3 are the cause of immunodeficiency polyendocrinopathy, enteropathy, X-linked syndrome (IPEX) [MIM:304790]; also known as X-linked autoimmunity-immunodeficiency syndrome. IPEX is characterized by neonatal onset insulin-dependent diabetes mellitus, infections, secretory diarrhea, trombocytopenia, anemia and eczema. It is usually lethal in infancy.,Function:Probable transcription factor. Plays a critical role in the control of immune response.,online information:FOXP3 entry,online information:FOXP3 mutation db,similarity:Contains 1 C2H2-type zinc finger.,similarity:Contains 1 fork-head DNA-binding domain.,

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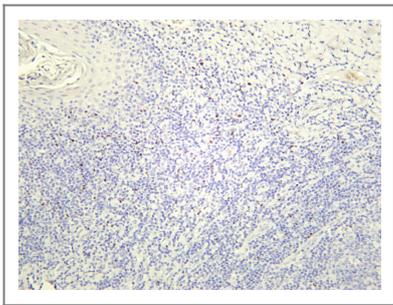
## Validation Data



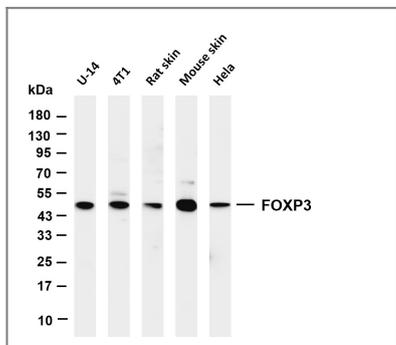
Mouse spleen was stained with Anti-FOXP3 rabbit antibody



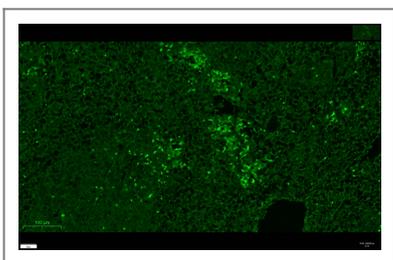
Rat spleen was stained with Anti-FOXP3 rabbit antibody



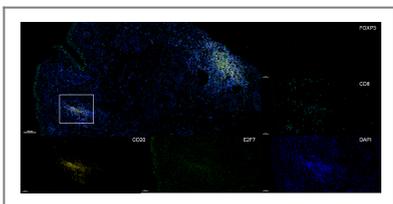
Human tonsil was stained with Anti-FOXP3 rabbit antibody



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-FOXP3 antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: U-14 Lane 2: 4T1 Lane 3: Rat skin Lane 4: Mouse skin Lane 5: HeLa Predicted band size: 47kDa Observed band size: 47kDa



mouse spleen was stained with Anti-FOXP3 rabbit antibody



Fluorescence multiplex immunohistochemical analysis of Human bladder tissue (formalin-fixed paraffin-embedded section). The immunostaining was performed by Sextuple-Fluorescence kit (RS0039, Immunoway). CD8 rabbit mAb(YM6938 Immunoway) cyan, FOXP3 rabbit mAb(YM8133 Immunoway) red, Neurofilament mouse mAb(YM6897 Immunoway) purple, Iba 1 mouse mAb(YM4765 Immunoway) red, CD20 mouse mAb(YM6832 Immunoway) yellow, The section was incubated in 4 rounds of staining; sequentially for Anti-antibodies; each using a separate fluorescent tyramide signal amplification system. EDTA based antigen retrieval (Immunoway YS0004, pH 9.0, 20 minutes) was used in between rounds of tyramide signal amplification to remove the antibody from the previous round, to avoid any cross-reactivity. DAPI (dark blue) was used as a nuclear counter stain. Microscopy and pseudocoloring of individual dyes was performed using a Slideviewer Imaging System (Excilone).

## Contact information

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Please scan the QR code to access additional product information:  
**FOXP3 (PT0211R)**  
**PT™ Rabbit mAb**

