

# FOXP3 Rabbit mAb

Catalog No.: A27744 **Recombinant**

## Basic Information

### Observed MW

### Calculated MW

47 kDa

### Category

Primary antibody

### Applications

IF-P, IHC-P, mIHC, ELISA

### Cross-Reactivity

Human, Mouse

### CloneNo number

ARC74142

## Background

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.

## Recommended Dilutions

**IF-P** 1:200 - 1:400

**IHC-P** 1:200 - 1:800

**mIHC** 1:200 - 1:800

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

50943

### Swiss Prot

Q9BZS1

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

JM2; AIID; IPEX; PIDX; XPID; DIETER

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

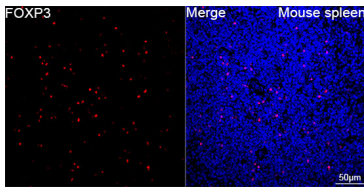
Affinity purification

### Storage

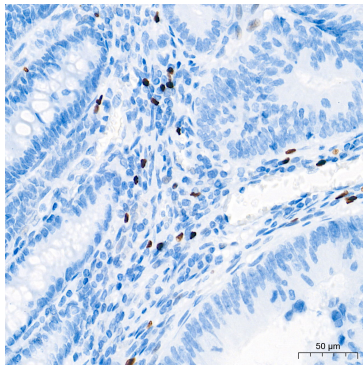
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

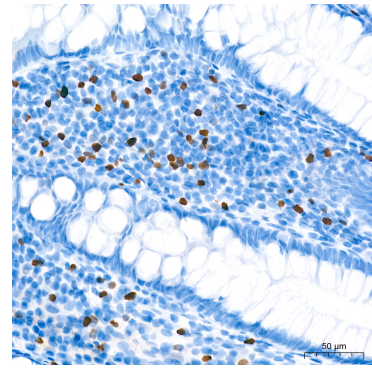
## Validation Data



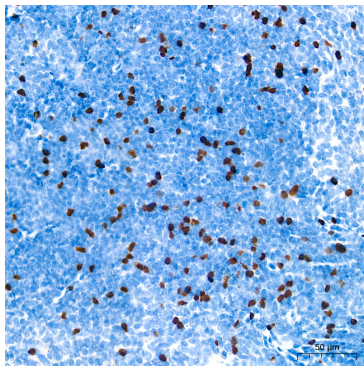
Confocal imaging of paraffin-embedded Mouse spleen tissue using FOXP3 Rabbit mAb (A27744, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



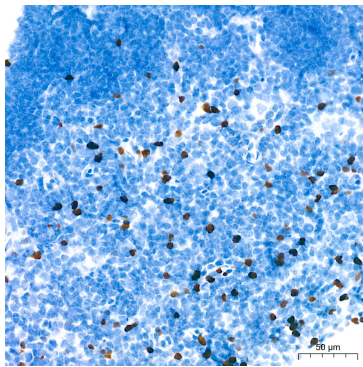
Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using FOXP3 Rabbit mAb (A27744) at a dilution of 1:600 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



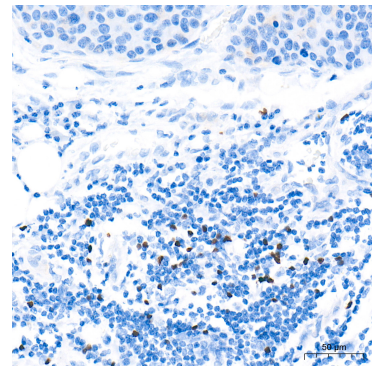
Immunohistochemistry analysis of paraffin-embedded Human colon tissue using FOXP3 Rabbit mAb (A27744) at a dilution of 1:600 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



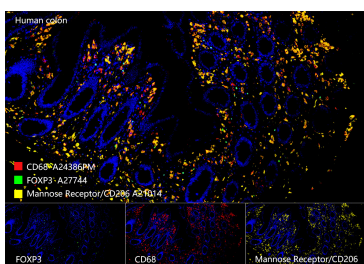
Immunohistochemistry analysis of paraffin-embedded Mouse spleen tissue using FOXP3 Rabbit mAb (A27744) at a dilution of 1:600 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse thymus tissue using FOXP3 Rabbit mAb (A27744) at a dilution of 1:600 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human pancreatic cancer tissue using FOXP3 Rabbit mAb (A27744) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



The multiplex IHC analysis on paraffin-embedded Human colon tissue using the following specific primary antibodies and tyramide signal amplification (TSA) reagents (RK05903) : FOXP3 Rabbit mAb (A27744, 1:600) with TSA-TYR-520 (Green), and CD68 Rabbit PolymAb® (A24386PM, 1:10000) with TSA-TYR-570 (Red), and Mannose Receptor/CD206 Rabbit mAb (A21014,

## Validation Data

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1:200) with TSA-TYR-690 (Yellow). DAPI (Blue) was used for nuclear staining. Prior to multiplex IHC staining, high-pressure antigen retrieval was performed using 0.01M citrate buffer at pH 6.0. The analysis was completed using a 40x objective lens.