

For Research Use Only

FOXP3 Monoclonal antibody

Catalog Number: 68803-2-Ig



Basic Information

Catalog Number:

68803-2-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG23089

GenBank Accession Number:

BC113401

GeneID (NCBI):

50943

UNIPROT ID:

Q9BZS1

Full Name:

forkhead box P3

Calculated MW:

431 aa, 47 kDa

Purification Method:

Protein G purification

CloneNo.:

2A1E7

Recommended Dilutions:

IHC 1:1000-1:4000

Applications

Tested Applications:

IHC, ELISA

Species Specificity:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

IHC : human ovary cancer tissue, human appendicitis tissue, human lung cancer tissue, human lymphoma tissue, human rectal cancer tissue, human tonsillitis tissue, MJ cells

Background Information

FOXP3, also named as IPEX, JM2 and Scurfin, is a transcription factor. FOXP3 plays a critical role in the control of immune response. Defects in FOXP3 are the cause of immunodeficiency polyendocrinopathy, enteropathy, X-linked syndrome (IPEX) which also known as X-linked autoimmunity-immunodeficiency syndrome.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

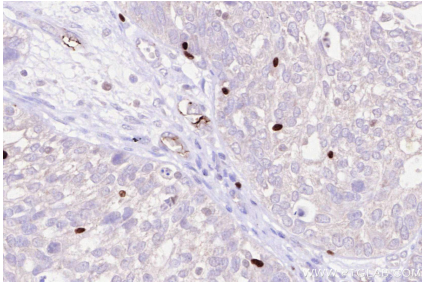
T: 4006900926

E: Proteintech-CN@ptglab.com

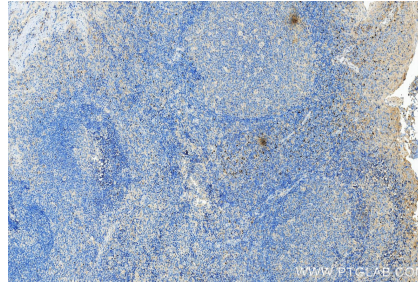
W: ptgcn.com

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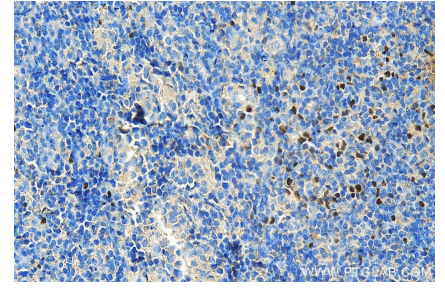
Selected Validation Data



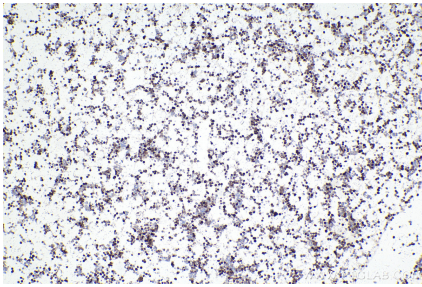
Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 68803-2-Ig (FOXP3 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



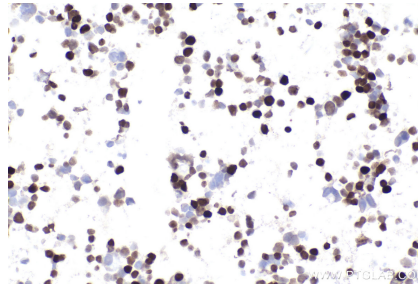
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 68803-2-Ig (FOXP3 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



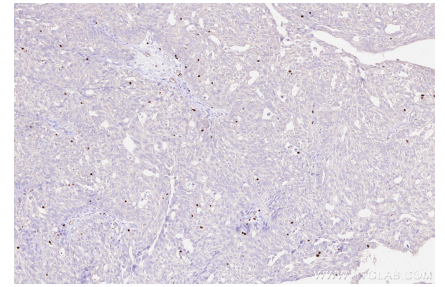
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 68803-2-Ig (FOXP3 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded MJ cells slide using 68803-2-Ig (FOXP3 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded MJ cells slide using 68803-2-Ig (FOXP3 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 68803-2-Ig (FOXP3 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).