

## FOXP3 Recombinant Rabbit Monoclonal Antibody Product Datasheet

Catalog# BX50188

Clone# BP6166

**Predicted Molecular Wt:** 47kDa  
**Species Cross-reactivity:** Human  
**Applications:** IHC-P

**Purity:** ProA affinity purified IgG  
**Form:** Liquid  
**Swissprot ID:** Q9BZS1

### Background:

Forkhead box (Fox) proteins are a family of evolutionarily conserved transcription factors containing a sequence known as Forkhead box or winged helix DNA binding domain. The human genome contains 43 Fox proteins that are divided into subfamilies. The FoxP subfamily has four members, FoxP1 - FoxP4, which are broadly expressed and play important roles in organ development, immune response, and cancer pathogenesis. FoxP proteins usually function as transcriptional repressors.

FOXP3 is expressed in activated T lymphocytes in tonsil in adult, T cell leukemia or lymphoma.

### Subcellular location:

Nucleus

### Recommended Method:

Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), primary antibody incubate at RT (18°C-25°C) for 30 minutes.

### Immunogen:

Recombinant fragment corresponding to human FOXP3 was used as an immunogen.

### Storage Buffer:

PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.

### Storage Conditions:

-25°C to -18°C

### Shipment Instructions:

Shipped on blue ice. Upon delivery store at -25°C to -18°C. Avoid freeze / thaw cycles.

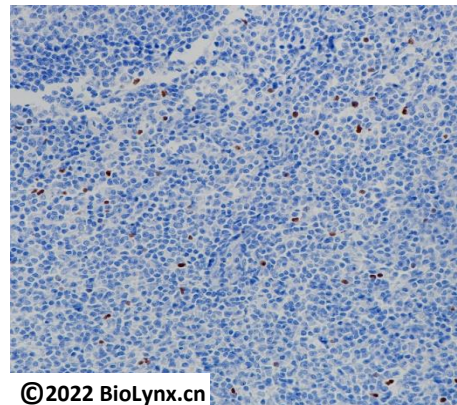
### Recommended Dilution:

IHC-P: 1:100-1:200

### Background References:

1. Zuo, T. et al. (2007) Cell 129, 1275-86.

2. Wang, L. et al. (2009) Cancer Cell 16, 336-46.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of tonsil labelling FOXP3 with BP6166.

Product QC'd by:



For research use only. Not for use in diagnostic or therapeutic applications.