Recombinant FOXP3 (Forkhead Box Protein P3) / Scurfin Antibody

Rabbit Monoclonal Antibody [Clone FOXP3/7990R]

Catalog No	Format	Size
50943-RBM5-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
50943-RBM5-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
50943-RBM5-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

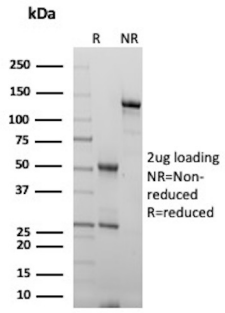
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

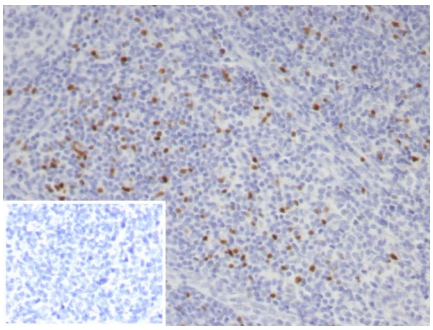
Clone	FOXP3/7990R
Gene Name	FOXP3
Immunogen	Recombinant fragment (around aa300-431) of human FOXP3 protein (exact sequence is proprietary)
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	47-55kDa
Cellular Localization	Nucleus. Cytoplasm.
Species Reactivity	Human
Positive Control	Human tonsil or testis.

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant FOXP3 (Forkhead Box Protein P3) / Scurfin Antibody



SDS-PAGE Analysis of Purified Forkhead box protein P3 | Forkhead boxprotein P3, C-terminally processed | Forkhead box protein P3 41 kDa form Recombinant Rabbit Monoclonal Antibody (FOXP3/7990R). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded human tonsil stained with FOXP3 Recombinant Rabbit Monoclonal Antibody (FOXP3/7990R). Inset: PBS instead of primary antibody; secondary only negative control.

Specificity & Comments

Recognizes a protein of 47-55kDa, which is identified as FOXP3. Its precise epitope is not known, but it has been mapped to the N-terminal portion of the protein. The FOX family of transcription factors is a large group of proteins that share a common DNA binding domain termed a winged-helix or forkhead domain. During early development, FOXP1 and FOXP2 are expressed abundantly in the lung, with lower levels of expression in neural, intestinal and cardiovascular tissues, where they act as transcription repressors. FOXP1 is widely expressed in adult tissues, while neoplastic cells often exhibit a dramatic change in expression level or localization of FOXP1. Mutations in FOXP3 gene cause IPEX, a fatal, X-linked inherited disorder characterized by immune dysregulation. The FOXP3 protein is essential for normal immune homeostasis. Specifically, FOXP3 represses transcription through a DNA binding forkhead domain, thereby regulating T cell activation.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C.Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

Nuclear Marker, Transcription Factors

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.