

DATASHEET

FOXP3 Mouse Monoclonal Antibody (ARM992)

CAT. NO. ARM6782

KEY FEATURES

| | | | |
|---------------|------------|------------|-------------|
| Target | FOXP3 | Clone ID | ARM992 |
| Source / Host | Mouse | Reactivity | Human |
| Applications | IHC | Dilution | 1:100-1:200 |
| Clonality | Monoclonal | Storage | -20°C |

BACKGROUND

FOXP3 is a forkhead transcription factor family member which plays a key role in CD4+CD25+ regulatory T cell function and represents a specific marker for these cells. Specifically in IHC, FOXP3 is a marker for adult T-cell leukemia/lymphoma (ATLL). In normal lymphoid tissues, a T-cell subset in interfollicular areas shows nuclear staining. There are many characteristics of FOXP3's role in cancer, which involves tumour progression through the suppression of T-cell activity and oncogene suppression through suppressing the expression of HER2, Skp2, SATB1 and MYC oncogenes.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

| | |
|----------------|-------------|
| Application | IHC |
| Dilution Ratio | 1:100-1:200 |

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

| | |
|-------------------|---|
| Antibody Type | Primary antibodies |
| Isotype | IgG1 |
| Positive Control | Tonsil, Lymph Node |
| Localization | Nuclear |
| Form / Buffer | Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide |
| Purification | Purified |
| Conjugation | Unconjugated |
| Gene Symbol | FOXP3 |
| Entrez Gene ID | 50943 |
| Uniprot | Q9BZS1 |
| Alternative Names | IPEX; Forkhead box protein P3; Scurfin |

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

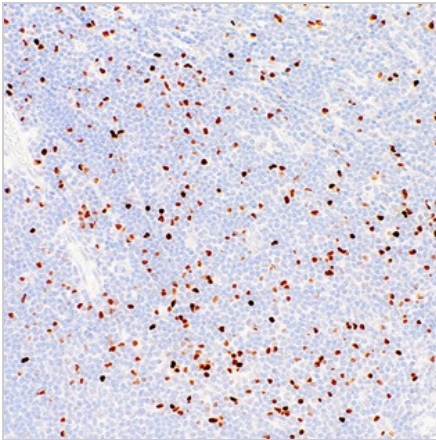
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

DATA

Immunohistochemical staining of human tonsil tissue using FOXP3 Mouse Monoclonal Antibody (ARM992).

RESEARCH USE ONLY

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: [www.arexbio.com / foxp3-mouse-monoclonal-antibody-arm992-arm6782](http://www.arexbio.com/foxp3-mouse-monoclonal-antibody-arm992-arm6782)