

## DATASHEET

# Oct-2 Mouse Monoclonal Antibody (ARM538)

CAT. NO. ARM6828

### KEY FEATURES

Target	Oct-2	Clone ID	ARM538
Source / Host	Mouse	Reactivity	Human
Applications	IHC	Dilution	1:100-1:200
Clonality	Monoclonal	Storage	-20°C

### BACKGROUND

Octamer transcription factor-2 (Oct-2) is a member of the POU homeodomain family of transcription factors. It binds to the immunoglobulin gene octamer motif, thereby regulating B-cell-specific gene expression and transcription in a variety of tissues. Oct-2 is expressed highly in germinal center B-cells, mantle B-cells, monocytoid B-cells, and plasma cells, thus making Anti-Oct-2 useful for detecting various lymphomas including B-chronic lymphocytic leukemia, mantle cell lymphoma, follicular lymphoma, marginal zone lymphoma, plasmacytoma, Burkitt lymphoma, diffuse large cell lymphoma, diffuse large B-cell lymphoma, T-cell rich B-cell lymphoma, nodular lymphocyte predominant Hodgkin's lymphoma, and classic Hodgkin's lymphoma.

### 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	POU2F2
Entrez Gene ID	5452
Uniprot	P09086
Alternative Names	Octamer-binding transcription factor 2

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

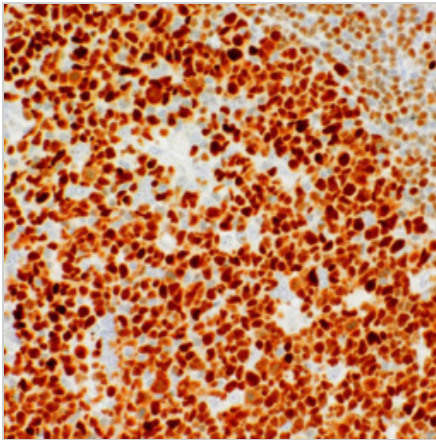
\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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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 Oct-2 Mouse Monoclonal Antibody (ARM538).

**RESEARCH USE ONLY**

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

More information: [www.arexbio.com / oct-2-mouse-monoclonal-antibody-arm538-arm6828](http://www.arexbio.com/oct-2-mouse-monoclonal-antibody-arm538-arm6828)