

**DATASHEET**

**CD2 Rabbit Monoclonal Antibody (ARM941)**

CAT. NO. ARM6731

**KEY FEATURES**

Target	CD2	Clone ID	ARM941
Source / Host	Rabbit	Reactivity	Human
Applications	IHC	Dilution	1:100-1:200
Clonality	Monoclonal	Storage	-20°C

**BACKGROUND**

Cluster of Differentiation 2 (CD2) is a useful early T-cell lineage restricted antigen that is present in T-cell differentiation. As a pan-T-cell marker, CD2 staining is used for recognizing practically all normal T-cells, but may be deleted in some T-cell neoplasms. Since CD2 is present in most precursor and mature T-cell leukemias and lymphomas, it is useful in the evaluation of lymphoid malignancies. By using CD2 and CD25 staining, the recognition of systemic mastocytosis and mastocytic leukemia is supported.

**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	IgG
Positive Control	Tonsil
Localization	
Form / Buffer	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide
Purification	Purified
Conjugation	Unconjugated
Gene Symbol	CD2
Entrez Gene ID	914
Uniprot	P06729
Alternative Names	SRBC; T-cell surface antigen CD2; Erythrocyte receptor; LFA-2; LFA-3 receptor; Rosette receptor; T-cell surface antigen T11/Leu-5; CD2

\*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.

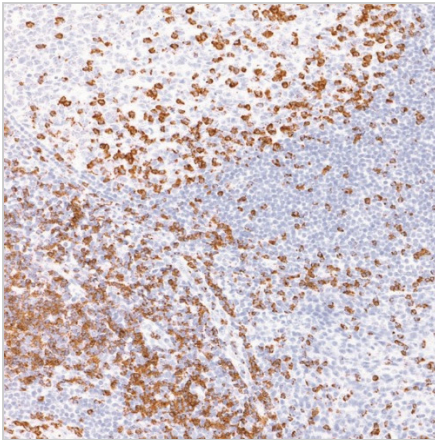
\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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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 CD2 Rabbit Monoclonal Antibody (ARM941).

**RESEARCH USE ONLY**

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

More information: [www.arexbio.com / cd2-mouse-monoclonal-antibody-arm941-arm6731](http://www.arexbio.com/cd2-mouse-monoclonal-antibody-arm941-arm6731)