

## DATASHEET

# CD7 Rabbit Monoclonal Antibody(ARB913)

CAT. NO. ARB6705

### KEY FEATURES

|               |        |              |             |
|---------------|--------|--------------|-------------|
| Target        | CD7    | Clonality    | Monoclonal  |
| Clone ID      | ARB913 | Applications | IHC         |
| Source / Host | Rabbit | Dilution     | 1:100-1:200 |
| Reactivity    | Human  | Storage      | at-20°C     |

### BACKGROUND

The CD7 molecule is a membrane-bound glycoprotein and is the earliest T cell specific antigen to be expressed in lymphocytes. CD7 antigen is also the only early marker to persist throughout differentiation. The function and role of the CD7 molecule has not yet been fully identified, although the activation of T cells with gamma/delta receptors has been proposed based on mAb-induced activation. CD7 antigen is reported to be found on the majority of peripheral blood T cells, most natural killer cells and thymocytes.

### APPLICATION

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

|     |               |
|-----|---------------|
| IHC | 1:100 - 1:200 |
|-----|---------------|

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

### PRODUCT OVERVIEW

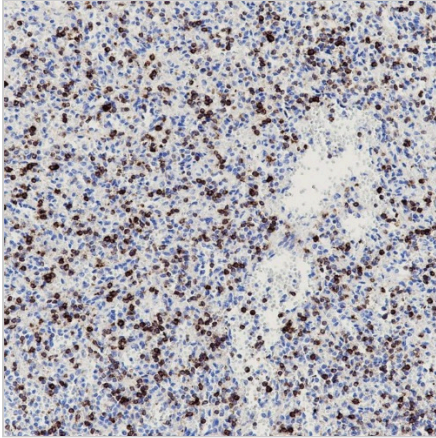
|                        |  |
|------------------------|--|
| Predicted Molecular Wt | 25kDa  |
| Purity                 | ProA affinity purified IgG   |
| Subcellular location   | Membrane   |
| Swissprot ID           | P09564   |
| Immunogen              | Synthetic peptide corresponding to residues within C-Term of CD7.  |
| Storage Buffer         | PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.  |
| 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. |

\*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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**DATA**

Immunohistochemical staining of human tonsil tissue using CD7 Rabbit Monoclonal Antibody (ARB913).

**STORAGE**

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

**NOTE**

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

More information: [www.arexbio.com](http://www.arexbio.com)