

DATASHEET

CD5 Rabbit Monoclonal Antibody (ARM897)

CAT. NO. ARM6687

KEY FEATURES

| | | | |
|---------------|------------|------------|-------------|
| Target | CD5 | Clone ID | ARM897 |
| Source / Host | Rabbit | Reactivity | Human |
| Applications | IHC | Dilution | 1:100-1:200 |
| Clonality | Monoclonal | Storage | -20°C |

BACKGROUND

Cluster of Differentiation 5 (CD5) is expressed in high levels on the surface of T-cells, while the expression levels and role of CD5 in B-cells is not well documented. As a part of a diagnostic panel, its utility lies predominantly as a marker for T-cells, with over 70% of T-cell neoplasms expressing CD5. In particular, it is correlated with chronic lymphocytic leukemia and small lymphocytic lymphomas, mantle cell lymphoma, as well as a subset of diffuse large B-cell lymphomas. CD5 demonstrates positive expression in thymic carcinomas, and is not as sensitive as CD3. CD5 also has value as a prognostic indicator, as it is associated with poor prognosis in acute T-cell lymphoblastic leukemia.

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, Lymph Node |
| Localization | Membranous |
| Form / Buffer | Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide |
| Purification | Purified |
| Conjugation | Unconjugated |
| Gene Symbol | CD5 |
| Entrez Gene ID | 921 |
| Uniprot | P06127 |
| Alternative Names | LEU1; T-cell surface glycoprotein CD5; Lymphocyte antigen T1/Leu-1; CD5 |

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

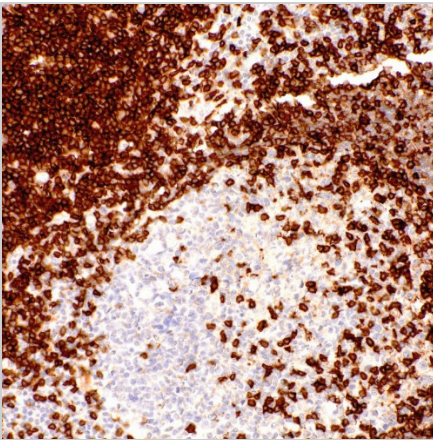
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET**CD5 Rabbit Monoclonal Antibody (ARM897)**

CAT. NO. ARM6687

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 CD5 Rabbit Monoclonal Antibody (ARM897).

RESEARCH USE ONLY

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

More information: [www.arexbio.com / cd5-mouse-monoclonal-antibody-arm897-arm6687](http://www.arexbio.com/cd5-mouse-monoclonal-antibody-arm897-arm6687)