DATASHEET

PAX5 Rabbit Monoclonal Antibody(ARA6347)

CAT. NO. ARA6347

KEY FEATURES

Target:	PAX5	**Clone ID:**	ARA6347
Source/Host:	Rabbit	**Reactivity:**	Human
Clonality:	Monoclonal	**Applications:**	IHC
Storage:	at-20°C		

BACKGROUND

Paired box protein Pax-5 (PAX5) is a member of the paired box (PAX) family of transcription factors, characterized by a highly conserved DNA-binding paired domain. PAX5 encodes the B-cell lineage specific activator protein (BSAP), which is expressed at early but not late stages of B-cell differentiation and is required for B-cell commitment and development; expression has also been detected in the developing central nervous system and testis. As a nuclear transcription factor restricted to the B-cell lineage, PAX5 is widely used in diagnostic immunohistochemistry as a B-cell marker: it labels normal B lymphocytes and most B-cell neoplasms, is lost in classical Hodgkin lymphoma and in some T-cell/histiocyte-rich large B-cell lymphomas, and therefore contributes to the classification of lymphoid and Hodgkin lymphomas.

APPLICATION

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

IHC	1:1000-1:2000

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

OVERVIEW

Description	Recombinant rabbit monoclonal antibody to PAX5
Antibody Type	Primary antibody,Recombinant
Immunogen	Synthetic peptide within human PAX5 aa 240-280.
Purification	Protein A affinity purified.
Molecular Weight	Predicted: 42 kD; Observed: 45 kD
Isotype	IgG
Form/Buffer	50% Glycerol/PBS with 1% BSA and 0.09% sodium azide
Alternative Names	PAX5; BSAP; B-cell lineage specific activator protein; paired box protein Pax-5
Gene Symbol	PAX5
Entrez Gene	5079(Human)
SwissProt	Q02548(Human); Q02650(Mouse)

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

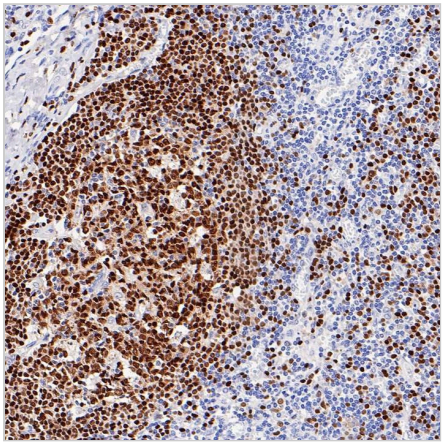
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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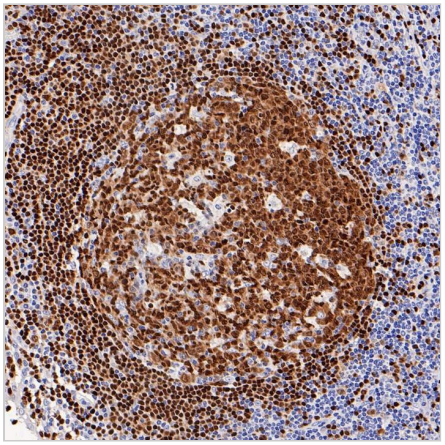
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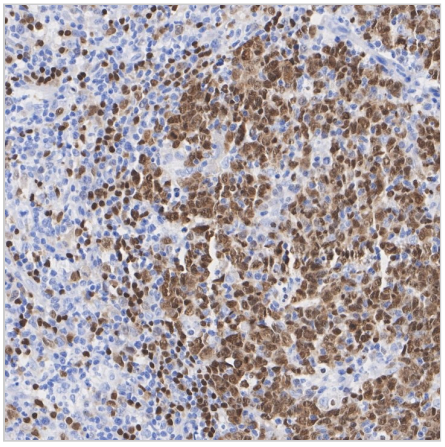
DATA



Immunohistochemical analysis of paraffin-embedded human lymph node tissue with PAX5 Rabbit Monoclonal Antibody(ARA6347).



Immunohistochemical analysis of paraffin-embedded human tonsil tissue with PAX5 Rabbit Monoclonal Antibody(ARA6347).



Immunohistochemical analysis of paraffin-embedded human B cell lymphoma tissue with PAX5 Rabbit Monoclonal Antibody(ARA6347).

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