thermoscientific

RESEARCH USE ONLY DATA SHEET
Rev 022017F
Clinical customers please refer to IVD / ASR Data Sheet

Pax-5 (Clone SP34)

Rabbit Monoclonal Antibody

Cat. #RM-9133-S0, or -S (0.1ml, or 1.0ml Supernatant)
Cat. #RM-9133 -R7 (7.0ml) (Ready-to-Use for Immunohistochemistry)
Cat. #RM-9133 -RQ (12.0ml) (Ready-to-Use for Immunohistochemistry)

Please note this data sheet has been changed effective February 20, 2017

Description: Pax-5 is a B-cell-specific activator protein (BSAP). In the early stages of B cell developmemt, Pax-5 influences the expression of several B-cell-specific genes, such as CD19 and CD20. Pax-5 is expressed primarily in pro-, pre-, and mature B cells, but not in plasma cells. Pax5 is expressed in most B-cell malignancies (pre-B and mature B cell lymphomas/ leukemias). Over 90% of cases are positive for Pax5 in Hodgkin's lymphoma, lymphoplasmacytic lymphoma, Merkel cell and small cell carcinoma. T-cell lymphomas, myeloma/ plasmacytoma and carcinoid tumors are negative for Pax5.

Mol. Wt. of Antigen: 50kDa

Species Reactivity: Human. Others not tested.

Clone Designation: SP34

Ig Isotype: Rabbit IgG

Immunogen:
Synthetic peptide derived from the C-terminus of human Pax-5 protein.

Applications and Suggested Dilutions:
- Immunohistology (Formalin/paraffin)

Use Ab at 1:50 for 20 minutes at RT using the LP Detection Systems

Use Ab at 1:100 for 20 minutes at RT using the Quanto Detection Systems

* [Staining of formalin-fixed sections require heat induced antigen retrieval using EDTA, pH 8.0 (Cat.# AP-9004-XXX or TA-XXX-PM2X), heating to 98°C for 20 min using the Thermo Scientific PTModule]

The optimal dilution for a specific application should be determined by the investigator.

Positive Control: Tonsil

Cellular Localization: Nuclear

Supplied As: Tissue culture supernatant with 0.09% sodium azide,

or

Prediluted antibody which is ready-to-use for immunohistochemistry.

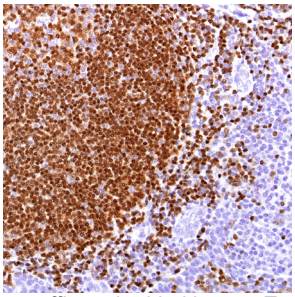
Storage and Stability:
Store vial at 4^0C. When stored at 2-8^0C, this antibody is stable for 24 months.

References:

1. Jensen KC et al. (2007) Mod Pathol. 20: 871-77
2. Dong HY et al. (2005) AJSP. 29: 687-92
3. Torlakovic E et al. (2002) AJSP; 26:1343-50

Limitations and Warranty:
Our products are intended FOR RESEARCH USE ONLY and are not approved for clinical diagnosis, drug use or therapeutic procedures. No products are to be construed as a recommendation for use in violation of any patents. We make no representations, warranties or assurances as to the accuracy or completeness of information provided on our data sheets and website. Our warranty is limited to the actual price paid for the product. Lab Vision is not liable for any property damage, personal injury, time or effort or economic loss caused by our products.

Material Safety Data:
This product is not licensed or approved for administration to humans or to animals other than the experimental animals. Standard Laboratory Practices should be followed when handling this material. The chemical, physical, and toxicological properties of this material have not been thoroughly investigated. Appropriate measures should be taken to avoid skin and eye contact, inhalation, and ingestion. The material contains 0.09% sodium azide as a preservative. Although the quantity of azide is very small, appropriate care should be taken when handling this material as indicated above. The National Institute of Occupational Safety and Health has issued a bulletin citing the potential explosion hazard due to the reaction of sodium azide with copper, lead, brass, or solder in the plumbing systems. Sodium azide forms hydrazoic acid in acidic conditions and should be discarded in a large volume of running water to avoid deposits forming in metal drainage pipes.



Formalin-fixed, paraffin-embedded human Tonsil stained with PAX-5 (Cat. #RM-9133-S) using peroxidase-conjugate and DAB chromogen. Note nuclear staining.

For Research Use Only

Richard-Allan Scientific
Subsidiary of Thermo Fisher Scientific
4481 Campus Drive
Kalamazoo, MI 49008
Phone: 1 (800) 522-7270
www.thermofisher.com/pathology
begel.sdsdesk@thermofisher.com

EC REP
Thermo Shandon Limited
Subsidiary of Thermo Fisher Scientific
Tudor Road, Manor Park
Runcorn, Cheshire WA7 1TA, UK
Tel: +44 (0) 1928 534 050
Fax: +44 (0) 1928 534 049