



Catalog: OM638990

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PAX5 [6A1]

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☐ 100 µl

Product profile

| | |
|---------------------|--|
| Product name | PAX5 [6A1] |
| Antibody Type | Primary Antibodies |
| Product description | The human paired box protein Pax-5 (PAX5) is a member of the paired box domain family of transcription factors that play a role in B-cell differentiation, neural development, and spermatogenesis (1). As a result, its expression is detected in the developing central nervous system (CNS) and testis (1). In particular, PAX 5 is essential for maintaining the identity and function of mature B cells during late B lymphopoiesis (2). PAX5 is a B-cell lineage specific activator protein (BSAP) that is expressed at early, but not late stages of B-cell differentiation (3). During B-cell differentiation, PAX5 interacts with DAXX, a bridge protein that helps PAX5 to function as both a transcriptional activator and a repressor (4). A chromosomal aberration involving PAX5 is a cause of acute lymphoblastic leukemia (1). |
| Immunogen | peptide |

Key Feature

| | |
|---------------------|------------------|
| Clonality | Polyclonal |
| Isotype | IgG |
| Host Species | Rabbit |
| Tested Applications | WB ,ICC ,IHC ,FC |
| Species Reactivity | Human Mouse |
| Concentration | 1 mg/mL. |

Target Information

| | |
|-------------------|--|
| Alternative Names | B cell lineage specific activator antibody B cell lineage specific activator protein antibody B cell specific activator protein antibody B cell specific transcription factor antibody B-cell-specific transcription factor antibody BSAP antibody EBB-1 antibody KLP antibody Paired box 5 antibody Paired box gene 5 (B cell lineage specific activator protein) antibody Paired box gene 5 (B cell lineage specific activator) antibody Paired box gene 5 antibody Paired box homeotic gene 5 antibody Paired box protein Pax 5 antibody Paired box protein Pax-5 antibody Paired domain gene 5 antibody PAX 5 antibody PAX5 antibody PAX5_HUMAN an |
|-------------------|--|

tibody Transcription factor PAX 5 antibody

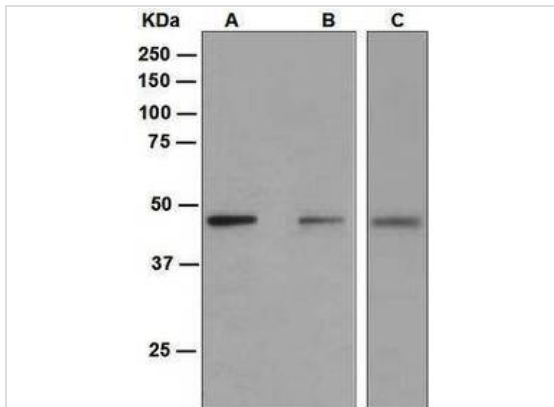
Molecular Weight(MW) 45kDa

Cellular Localization Nucleus

Database Links

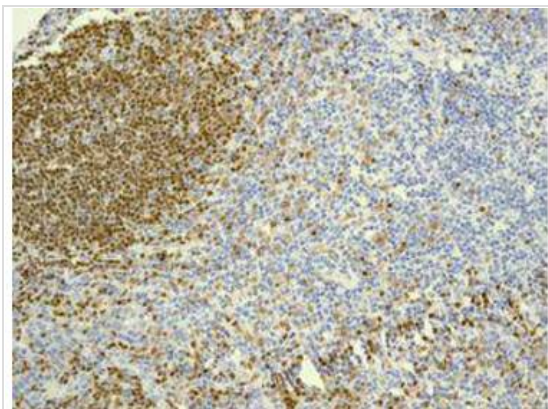
SwissProt ID Q02548

Application



Application

Fig1: Western blot analysis on (A) Ramos, (B) human tonsil, and (C) Daudi lysates using anti-PAX5.



Application

Fig2□ Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-PAX5.

Positive Control Ramos, human tonsil tissue.

Application Notes
WB:1:1,000
ICC:1:100
IHC:1:100
FC:1:10-100

Additional Information

Form Liquid

Storage Instructions Store at -20 °C. Stable for 12 months from date of receipt

Storage Buffer 1*TBS (pH7.4), 0.5%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.

Note The product is for research use only,not for use in diagnostic or therapeutic procedures.

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