

PAX-5 (PTR1332) mouse mAb (Ready to Use)

CatalogNo: YM6693R

Key Features

Host Species

- Mouse

Reactivity

- Human, Mouse, Rat,

Applications

- IHC

Isotype

- IgG

Recommended Dilution Ratios

Ready to use for IHC

Storage

Storage* 2°C to 8°C/1 year

Basic Information

Clonality Monoclonal

Clone Number PTR1332

Immunogen Information

Immunogen Synthesized peptide derived from human PAX-5 AA range:300-383

Specificity This antibody detects endogenous levels of PAX-5 protein.

Target Information

Gene name PAX5

Protein Name

PAX-5

Organism**Gene ID****UniProt ID**

Human

[5079;](#)[Q02548;](#)

Mouse

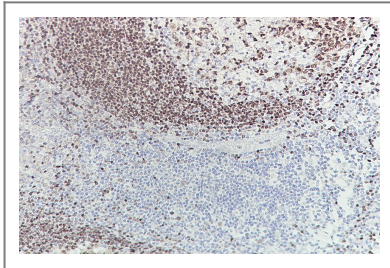
[18507;](#)[Q02650;](#)**Cellular Localization**

Nuclear

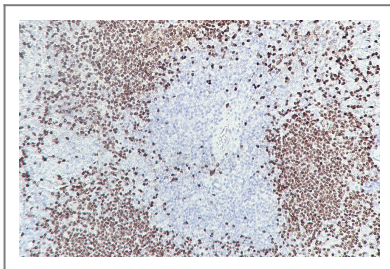
Function

developmental stage:Expressed at early B-cell differentiation, in the developing CNS and in adult testis.,Disease:A chromosomal aberration involving PAX5 is a cause of acute lymphoblastic leukemia. Translocation t(9;18)(p13;q11.2) with ZNF521. Translocation t(9;3)(p13;p14.1) with FOXP1. Translocation t(9;12)(p13;p13) with ETV6.,Function:May play an important role in B-cell differentiation as well as neural development and spermatogenesis. Involved in the regulation of the CD19 gene, a B-lymphoid-specific target gene.,PTM:O-glycosylated.,similarity:Contains 1 paired domain.,subunit:Interacts with DAXX (By similarity). Binds DNA as a monomer. Binds TLE4.,

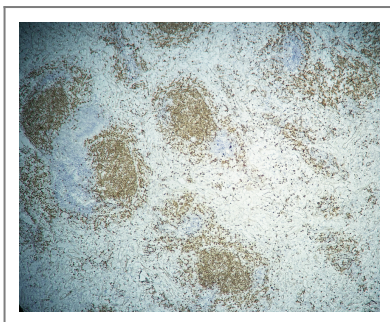
Validation Data



Human tonsil tissue was stained with Anti-PAX-5 (PTR1332) Antibody



Mouse spleen tissue was stained with Anti-PAX-5 (PTR1332) Antibody



Rat spleen tissue was stained with Anti-PAX-5 (PTR1332) Antibody

| Contact information

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PAX-5 (PTR1332)
mouse mAb (Ready to Use)

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