

## 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

**Formulation** The prediluted ready-to-use antibody is diluted in phosphate buffer saline containing stabilizing protein and 0.05% Proclin 300

### 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

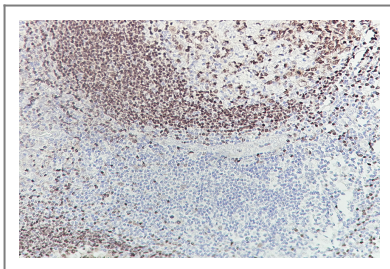
**Protein Name** PAX-5

Organism	Gene ID	UniProt ID
Human	<a href="#">5079;</a>	<a href="#">Q02548;</a>
Mouse	<a href="#">18507;</a>	<a href="#">Q02650;</a>

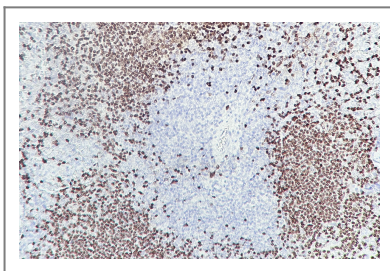
**Cellular Localization** Nuclear

**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.,

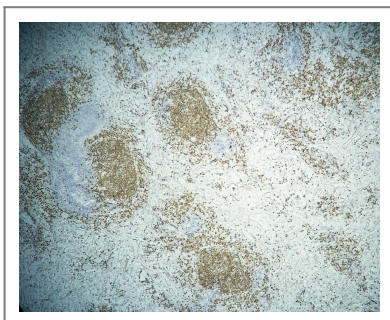
## Validation Data



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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Please scan the QR code to access additional product information:  
**PAX-5 (PTR1332)**  
**Mouse mAb (Ready to Use)**

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