

**PAX-5 (PTR1332) mouse mAb**

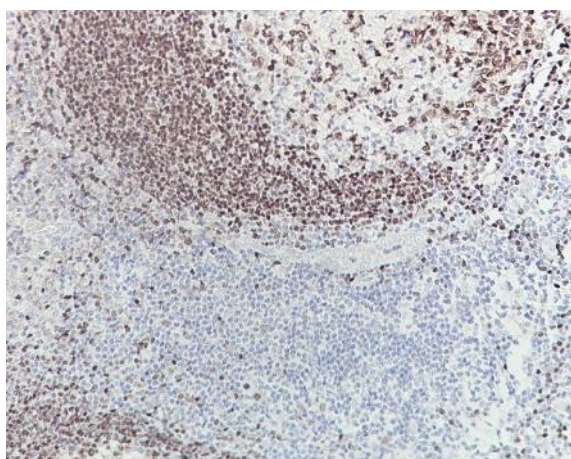
|                              |  |
|------------------------------|--|
| <b>Catalog No :</b>          | YM6693   |
| <b>Reactivity :</b>          | Human;Mouse;Rat;   |
| <b>Applications :</b>        | IHC;ELISA  |
| <b>Target :</b>              | MEK-4  |
| <b>Gene Name :</b>           | PAX5   |
| <b>Protein Name :</b>        | PAX-5  |
| <b>Human Gene Id :</b>       | 5079   |
| <b>Human Swiss Prot No :</b> | Q02548   |
| <b>Mouse Gene Id :</b>       | 18507  |
| <b>Mouse Swiss Prot No :</b> | Q02650   |
| <b>Immunogen :</b>           | Synthesized peptide derived from human PAX-5 AA range:300-383  |
| <b>Specificity :</b>         | This antibody detects endogenous levels of PAX-5 protein.  |
| <b>Formulation :</b>         | PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA   |
| <b>Source :</b>              | Mouse, Monoclonal/IgG  |
| <b>Dilution :</b>            | IHC 1:200-400. ELISA 1:500-5000  |
| <b>Purification :</b>        | The antibody was affinity-purified from ascites by affinity-chromatography using specific immunogen. |
| <b>Storage Stability :</b>   | -15°C to -25°C/1 year(Do not lower than -25°C)   |
| <b>Molecularweight :</b>     | 42kD   |

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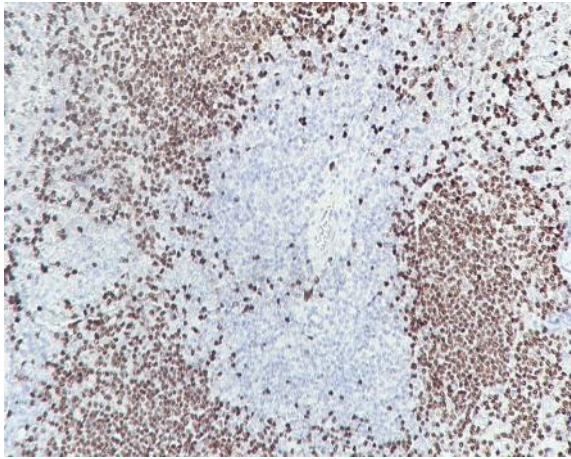
|                               |   |
|-------------------------------|---|
| <b>Observed Band :</b>        | 42kD  |
| <b>Cell Pathway :</b>         | IIP pathway   |
| <b>Function :</b>             | developmental stage:Expressed at early B-cell differentiation, in the developing CNS and in adult testis.,disease:A 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., |
| <b>Subcellular Location :</b> | Nuclear   |
| <b>Sort :</b>                 | 999   |
| <b>No4 :</b>                  | 1   |
| <b>Speciality :</b>           | IHC antibodies  |
| <b>Host :</b>                 | Mouse   |
| <b>Modifications :</b>        | Unmodified  |

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## Products Images



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