

**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

---

**Observed Band :** 42kD

---

**Cell Pathway :** IIP pathway

---

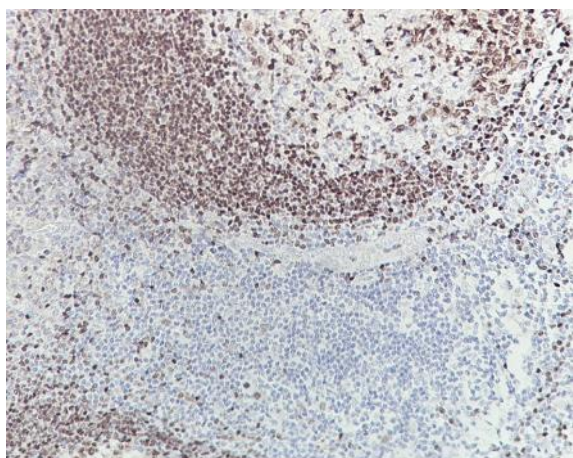
**Function :** developmental stage:Expressed at early B-cell differentiation, in the developing CNS and in adult testis.,disease:A chromosomal aberration involving PAX5 is a cause of acute lymphoblastic leukemia. Translocation t(9;18)(p13;q11.2) with ZNF521. Translocation t(9;3)(p13;p14.1) with FOXP1. 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.,

---

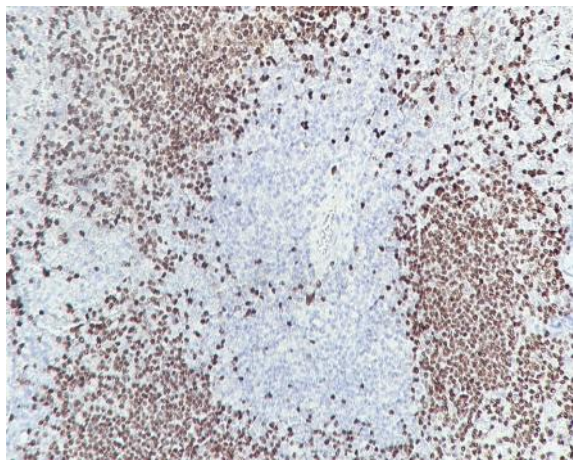
**Subcellular Location :** Nuclear

---

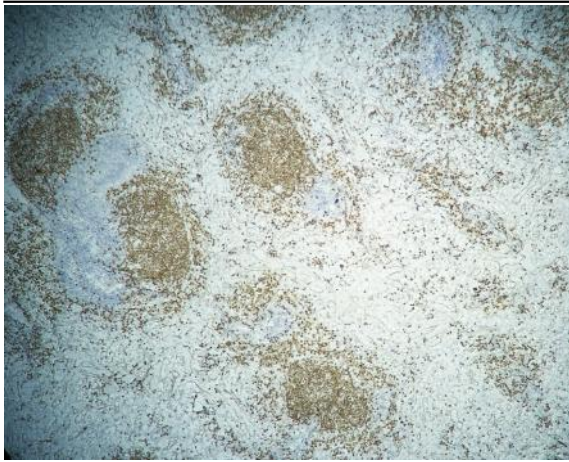
## Products Images



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