

PAX5 (ANT0000R) Rabbit mAb

CatalogNo: ANT8245 **Recombinant** 

Formulation: PBS,50%glycerol,0.05%Proclin 300,0.05%BSA
Quantity : 100 ug/vial

Host Species

- Rabbit
- Human,Mouse,Rat,

Reactivity

- WB,IHC,IF,IP,ELISA

Applications

MW

- 42kD (Calculated)
 - IgG,Kappa
- 42kD (Observed)

Isotype

Recommended Dilution Ratios

IHC 1:1000-1:4000

WB 1:2000-1:10000

IF 1:200-1:1000

ELISA 1:5000-1:20000

IP 1:50-1:200

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)

Basic Information

Clonality Monoclonal

Clone Number ANT0000R

Target Information

Endogenous

Gene namePAX5

Protein NamePAX-5

Organism	Gene ID	UniProt ID
Human	5079 ;	Q02548 ;
Mouse	18507 ;	Q02650 ;

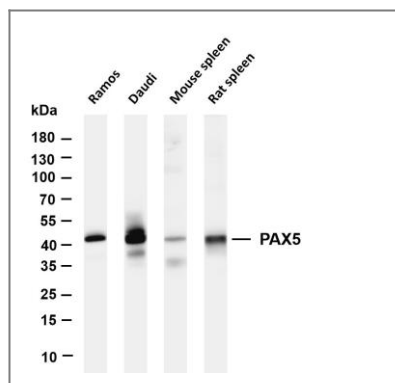
CellularNucleus

Localization

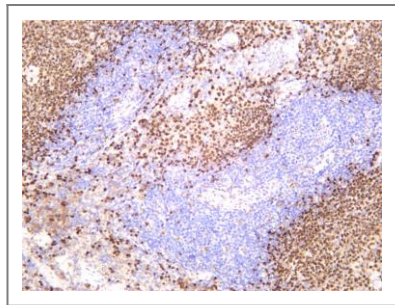
Function

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.,ANTM:O-glycosylated.,similarity:Contains 1 paired domain.,subunit:Interacts with DAXX (By similarity). Binds DNA as a monomer. Binds TLE4.,

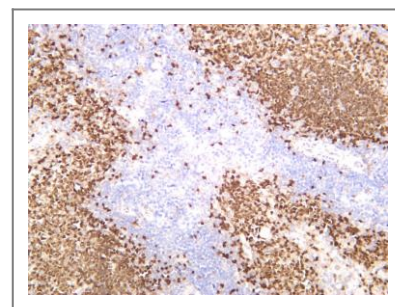
Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-PAX5 (ANT0000R) antibody. The HRPconjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: Ramos Lane 2: Daudi Lane 3: Mouse spleen Lane 4: Rat spleen Predicted band size: 42kDa Observed band size: 42kDa



Mouse spleen was stained with anti-PAX5 (ANT0000R) rabbit antibody



Rat spleen was stained with anti-PAX5 (ANT0000R) rabbit antibody

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