

Datasheet for ABIN6940254

**Recombinant anti-PAX5 antibody**[Go to Product page](#)**2** Images

## Overview

Quantity:	100 µg
Target:	PAX5
Reactivity:	Human
Host:	Mouse
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This PAX5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Coating (Coat)

## Product Details

Immunogen:	Recombinant full-length humanPAX5 protein
Clone:	RPAX5-2060
Isotype:	IgG1 kappa
Purification:	Purified by Protein A/G

## Target Details

Target:	PAX5
Alternative Name:	PAX5 ( <a href="#">PAX5 Products</a> )
Background:	The specificity of this monoclonal antibody to its intended target was validated by HuProt™ Array, containing more than 19,000, full-length human proteins. The PAX5 gene is a member of

## Target Details

the paired box (PAX) family of transcription factors. The central feature of this gene family is a novel, highly conserved DNA-binding domain, known as the paired box. The PAX proteins are important regulators in early development, and alterations in the expression of their genes are thought to contribute to neoplastic transformation. The PAX5 gene encodes the B-cell lineage specific activator protein (BSAP) that is expressed at early, but not late stages of B-cell differentiation. Its expression has also been detected in developing CNS and testis, therefore, PAX5 gene product may not only play an important role in B-cell differentiation, but also in neural development and spermatogenesis.

Molecular Weight: 42kDa

Gene ID: 5079

UniProt: [Q02548](#)

## Application Details

Application Notes: Positive Control: Daudi or Ramos cells. Tonsil, spleen, Lymph Node or Colon Carcinoma.  
Known Application: ELISA (For coating, purchase antibody without BSA), Western Blot (1-2 µg/mL) Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

## Handling

Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

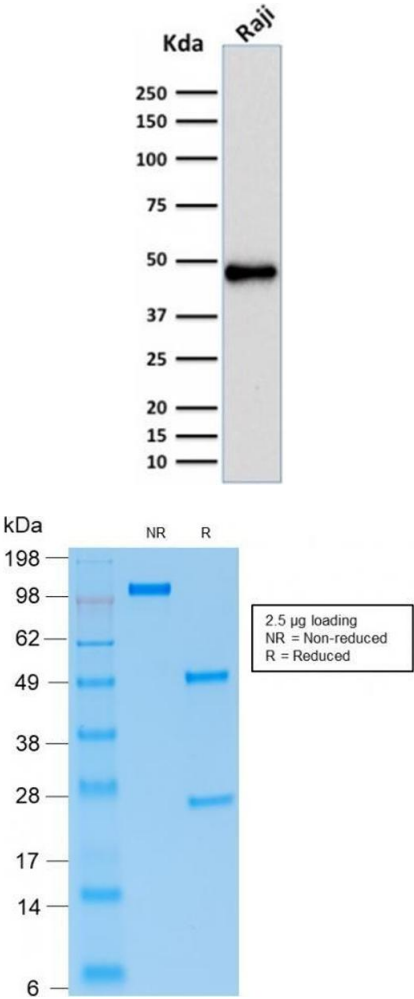
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -80 °C

Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months



Western Blotting

**Image 1.** Western Blot Analysis of human Raji cell lysate using PAX5 Mouse Recombinant Monoclonal Antibody (rPAX5/2060).

SDS-PAGE

**Image 2.** SDS-PAGE Analysis Purified PAX5 Mouse Recombinant Monoclonal Antibody (rPAX5/2060). Confirmation of Purity and Integrity of Antibody.