Recombinant PAX5 / BSAP (Early B-Cell Marker) Antibody

Rabbit Monoclonal Antibody [Clone PAX5/3977R]

Catalog No	Format	Size
5079-RBM7-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
5079-RBM7-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
5079-RBM7-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

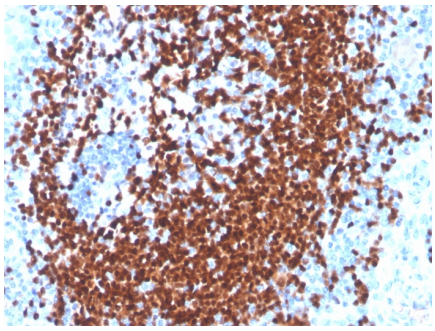
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

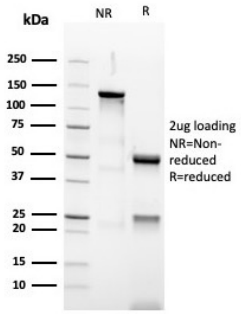
Clone	PAX5/3977R
Immunogen	Recombinant full-length human PAX5 protein
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	42.15kDa
Cellular Localization	Nucleus
Species Reactivity	Human
Positive Control	Human tonsil, Spleen or lymph node, K-562, Ramos

**Optimal dilution for a specific application should be determined.*

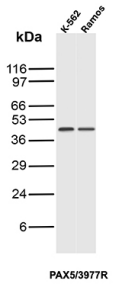
Product Images for Recombinant PAX5 / BSAP (Early B-Cell Marker) Antibody



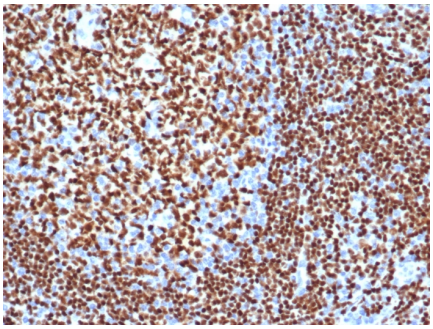
Formalin-fixed, paraffin-embedded human tonsil stained with PAX5 Recombinant Rabbit Monoclonal Antibody (PAX5/3977R).



SDS-PAGE Analysis of Purified PAX5 Recombinant Rabbit Monoclonal Antibody (PAX5/3977R). Confirmation of Purity and Integrity of Antibody.



Western Blot Analysis of K-562 and Ramos cell lysates using PAX5 Recombinant Rabbit Monoclonal Antibody (PAX5/3977R).



Formalin-fixed, paraffin-embedded human tonsil stained with PAX5 Recombinant Rabbit Monoclonal Antibody (PAX5/3977R).

Specificity & Comments

The specificity of this monoclonal antibody to its intended target was validated by HuProtTM Array, containing more than 21,000, full-length human proteins. The PAX5 gene is a member of thepaired box (PAX)family of transcription factors. The central feature of this gene family is a novel, highly conservedDNA-binding domain, known as thepaired box. The PAX proteins are important regulators in early development, and alterations in the expression of their genes are thought to contribute toneoplastic transformation. The PAX5 gene encodes theB-celllineage 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 andspermatogenesis.

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

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.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.