PAX5 / BSAP (Early B-Cell Marker) Antibody

Mouse Monoclonal Antibody [Clone PAX5/2595]

Catalog No	Format	Size
5079-MSM5-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
5079-MSM5-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
5079-MSM5-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

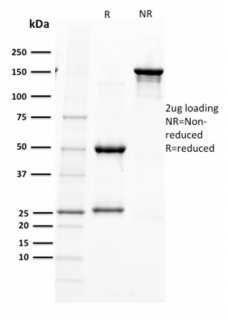
Applications	Tested Dillution	Note

Product Details

Clone	PAX5/2595
Gene Name	PAX5
Immunogen	Recombinant full-length human PAX5 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	42kDa
Cellular Localization	Nucleus
Species Reactivity	Human
Positive Control	Daudi or Ramos cells. Tonsil, lymph node or colon carcinoma., Spleen

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

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



SDS-PAGE Analysis of Purified PAX5 Mouse Monoclonal Antibody (PAX5/2595). Confirmation of Purity and Integrity

Specificity & Comments

The specificity of this monoclonal antibody to its intended target was validated by HuProtTM Array, containing more than 19,000, 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 Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with0.05% 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.

Research Areas

B Cell Markers, Cancer, Transcription Factors

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.