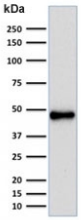
Recombinant PAX5 Antibody [clone rPAX5/2060] (V3594)

Catalog No.	Formulation	Size
V3594-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3594-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3594SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

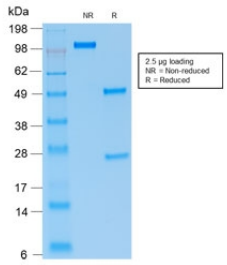
Recombinant MOUSE MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG1, kappa
Clone Name	rPAX5/2060
Purity	Protein G affinity chromatography
UniProt	Q02548
Localization	Nuclear
Applications	ELISA (purchase BSA-free format for coating) Western blot: 1-2ug/ml
Limitations	This recombinant PAX5 antibody is available for research use only.



Western blot testing of human Raji cell lysate with recombinant PAX5 antibody (clone rPAX5/2060). Expected molecular weight ~42 kDa.



SDS-PAGE analysis of purified, BSA-free recombinant PAX5 antibody (clone rPAX5/2060) as confirmation of integrity and purity.

Description

The PAX5 gene is a member of 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.

Application Notes

The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the recombinant PAX5 antibody to be titered up or down for optimal performance.

1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Immunogen

Human recombinant protein was used as the immunogen for this recombinant PAX5 antibody.

Storage

Store the recombinant PAX5 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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