

Rabbit anti-PAX5 antibody, clone SQab20209 (monoclonal)

Clone no. SQab20209

MONOSAN

Product name	Rabbit anti-PAX5 antibody, clone SQab20209 (monoclonal)
Host	Rabbit
Applications	IHC-P
Species reactivity	Human
Conjugate	-
Immunogen	Synthetic peptide within aa. 300-400 of Human PAX5.
Isotype	-
Clonality	Monoclonal
Clone number	SQab20209
Size	100 ul
Concentration	n/a
Format	Purification with Protein A.
Storage buffer	PBS, 0.01% Sodium azide, 40% Glycerol and 0.05% BSA.
Storage until expiry date	-20°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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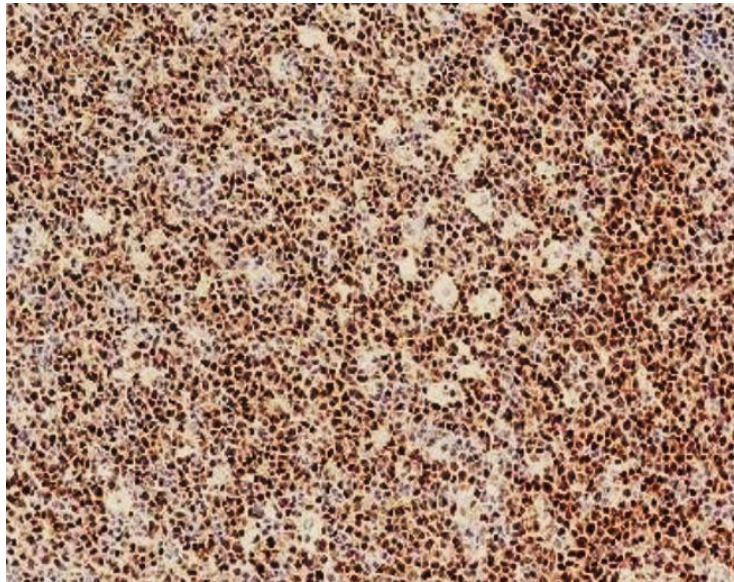
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Additional info

Application note: IHC-P: Antigen Retrieval: Heat mediation was performed in Tris/EDTA buffer (pH 9.0).* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. Storage instruction: For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. Background: This gene encodes 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 motif, known as the paired box. Paired box transcription factors are important regulators in early development, and alterations in the expression of their genes are thought to contribute to neoplastic transformation. This gene encodes the B-cell lineage specific activator protein that is expressed at early, but not late stages of B-cell differentiation. Its expression has also been detected in developing CNS and testis and so the encoded protein may also play a role in neural development and spermatogenesis. This gene is located at 9p13, which is involved in t(9;14)(p13;q32) translocations recurring in small lymphocytic lymphomas of the plasmacytoid subtype, and in derived large-cell lymphomas. This translocation brings the potent E-mu enhancer of the IgH gene into close proximity of the PAX5 promoter, suggesting that the deregulation of transcription of this gene contributes to the pathogenesis of these lymphomas. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2013]

Images



Immunohistochemistry: Formalin/PFA-fixed and paraffin-embedded Human tonsil tissue.
Antigen Retrieval: Heat mediation was performed in Tris/EDTA buffer (pH 9.0). The tissue section was stained with anti-PAX5 antibody [SQab20209] at 18°C - 25°C for 30 minutes.

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References

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