

Product datasheet for **AM31120PU-N**

PAX5 Mouse Monoclonal Antibody [Clone ID: 8F9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	8F9
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA. Immunohistochemistry on Paraffin Sections: 5 µg/ml. Western Blot: 1/500 - 1/1000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	PAX5 (NP_057953, 192 a.a. ~ 302 a.a) partial recombinant protein with GST tag.
Specificity:	This antibody recognizes PAX5
Formulation:	PBS, pH 7.2 State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	paired box 5
Database Link:	Entrez Gene 5079 Human Q02548



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Background:

Pax-5 is a B cell specific activator protein (BSAP). In the early stages of B cell development, Pax-5 influences the expression of several B-cell-specific genes, such as CD19 and CD20. Pax-5 is expressed primarily in pro-, pre-, and mature B cells, but not in plasma cells. Interestingly, Pax-5 mRNA is transiently detected in the mesencephalon and spinal cord during embryogenesis. Expression then shifts to the fetal liver and correlates with the onset of B lymphopoiesis. This indicates that Pax-5 is important in B cell development, but may also have a role in proper neuronal development.

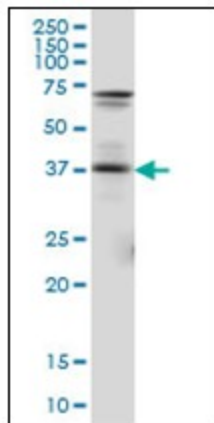
Synonyms:

Pax-5, BSAP

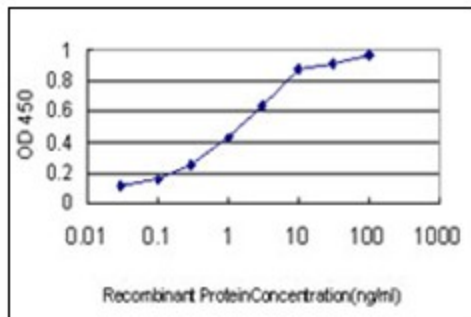
Protein Families:

Transcription Factors

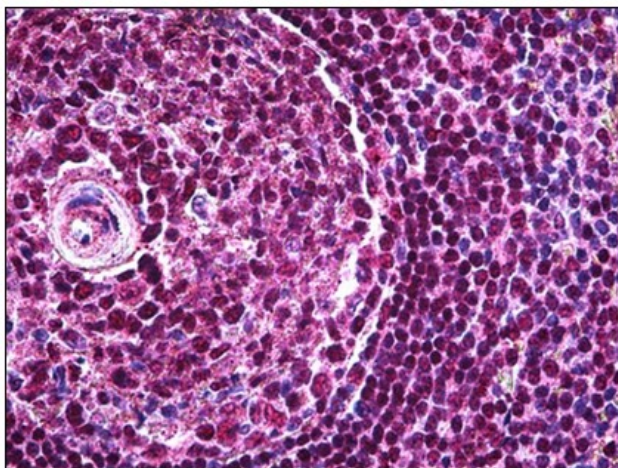
Product images:



PAX5 monoclonal antibody clone 8F9. Western Blot analysis of PAX5 expression in IMR-32.



Detection limit for recombinant GST tagged PAX5 is approximately 0.03ng/ml as a capture antibody.



Human Spleen: Formalin-Fixed, Paraffin-Embedded (FFPE)