SOX11 Recombinant Rabbit Monoclonal Antibody

Cat:HKZ150188

Company： HaoKebio

Uniprot ID: P35716

Organism: Rabbit

Species reactivity: Human

Predicted Molecular Weight:47 kDa

Applications: IHC: 1:100-1:200

IHC-Polymer: 1:400-1:800

TSA:1:500-1:1000

Background:

SOX11 is a nuclear transcription factor located at 2P25.3, primarily associated with embryonic neural development. It contains two functional domains: the HMG DNA-binding domain at the N-terminus and the transactivation domain at the C-terminus. The expression of SOX11 is critical for the development of the embryonic nervous system and tissue remodeling. It is normally expressed during the development of the human embryonic nervous system and is essential for neurite outgrowth and neuronal survival. In fetal tissues at 18–25 weeks, SOX11 is predominantly expressed in the brain. Outside the central nervous system, SOX11 is mainly expressed at the interface of epithelial and mesothelial tissues. SOX11 is not expressed in normal adult tissues. It is overexpressed in most mantle cell lymphomas, including rare cyclin D1-negative cases. Currently, SOX11 is primarily used for the identification of mantle cell lymphomas.

Protein full name:

SRY (sex determining region Y)-box 11

Synonyms:

SOX11, Transcription factor SOX 11

Immunogen:

A synthetic peptide corresponding to amino acid residues 300–400 of SOX11 was used as the imm unogen.

Isotype:

IgG

Subcellular location:

Nucleus

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

59% PBS, 0.01% sodium azide, 40% glycerol, 0.05% BSA.

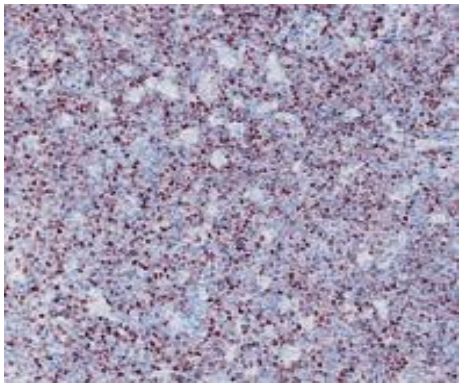
Storage:

Ship on blue ice. Upon receipt, aliquot and store at -25°C to -18°C. Avoid repeated freeze-thaw cycles.

Experimental procedure:

Antigen retrieval using Tris-EDTA buffer (pH 9.0); primary antibody incubation at room temperature (18 ℃ - 25 ℃) for 30 minutes.

Images:



Immunohistochemical results of SOX11-labeled mantle cell l ymphoma tissue (formalin-fixed, paraffin-embedded sections) using HKZ150188. Tris-EDTA buffer (pH 9.0) was used for antigen retrieval.

Source of Reagents:

1. Chen Y-H et al. Mod. Pathol. 2010;23(1):105 - 12.

2. Mozos A et al. Haematologica. 2009;94(11):1555 - 1562.

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发表[中文论文]请标注: SOX11 (HKZ150188) 由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:SOX11 (HKZ150188) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.