

Datasheet for ABIN932504

**anti-SOX5 antibody**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	SOX5
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SOX5 antibody is un-conjugated
Application:	Dot Blot (DB), Immunocytochemistry (ICC)

## Product Details

Immunogen:	SOX5 antibody was raised in mouse using recombinant Human Sry (Sex Determining Region Y)-Box 5
Clone:	7031C6a
Isotype:	IgG2b
Cross-Reactivity:	Human
Cross-Reactivity (Details):	Other species not studied.
Purification:	Protein G affinity chromatography

## Target Details

Target:	SOX5
Alternative Name:	SOX5 ( <a href="#">SOX5 Products</a> )

## Target Details

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**Background:** This gene encodes a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate. The encoded protein may act as a transcriptional regulator after forming a protein complex with other proteins. The encoded protein may play a role in chondrogenesis. A pseudogene of this gene is located on chromosome 8. Multiple transcript variants encoding distinct isoforms have been identified for this gene. Synonyms: Monoclonal SOX5 antibody, Anti-SOX5 antibody, SRY (sex determining region Y) box 5 antibody, L-SOX5 antibody, MGC35153 antibody.

## Application Details

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**Application Notes:** Optimal conditions should be determined by the investigator.

**Restrictions:** For Research Use only

## Handling

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**Concentration:** Lot specific

**Buffer:** SOX5 antibody in PBS (3.0 mM KCl, 1.5 mM KH<sub>2</sub>PO<sub>4</sub>, 140 mM NaCl, 8.0 mM Na<sub>2</sub>HPO<sub>4</sub> (pH 7.4)) containing 1 % bovine serum albumin (BSA) and 0.05 % sodium azide (NaN<sub>3</sub>).

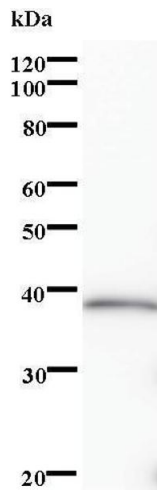
**Preservative:** Sodium azide

**Precaution of Use:** This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

**Handling Advice:** Avoid repeated freeze/thaw cycles.  
Dilute only prior to immediate use.

**Storage:** 4 °C/-20 °C

**Storage Comment:** Store at 2-8 °C for up to one year. We recommend long term storage at -20 °C.



### Western Blotting

Image 1.