

Datasheet for ABIN2665320

**anti-PAX9 antibody**

## 2 Images

[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	PAX9
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PAX9 antibody is un-conjugated
Application:	Multiplex Assay (MA)

## Product Details

Clone:	14D10A24
Isotype:	IgG2a kappa
Purification:	The antibody was purified by affinity chromatography.

## Target Details

Target:	PAX9
Alternative Name:	PAX9 ( <a href="#">PAX9 Products</a> )
Background:	<p>PAX9 is a transcription factor belonging to the PAX family, which is composed of nine members defined by the presence of a paired box domain responsible for DNA binding. PAX9 is expressed at the E10 stage and downregulated at the bell stage. It is controlled by Fgf/Bmp signaling and plays an essential role in tooth development. PAX9 deficient mice fail to form teeth and show developmental arrest at the bud stage. In humans, heterozygous mutation in</p>

## Target Details

PAX9 is associate with tooth agenesis. These findings support the role of PAX9 in tooth development.

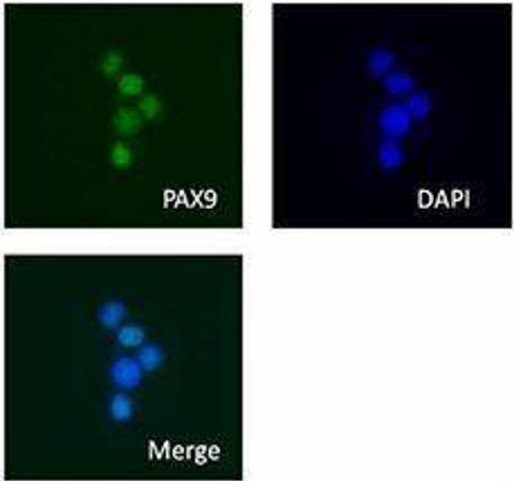
## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

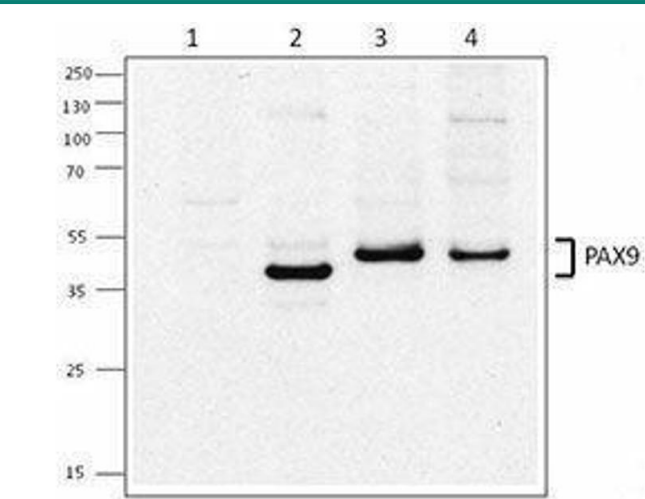
Concentration:	0.5 mg/mL
Buffer:	Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	The antibody solution should be stored undiluted between 2°C and 8°C.

## Images



**Immunofluorescence**

**Image 1.**



Western Blotting

Image 2.