

## Datasheet for ABIN7637188 **anti-COL4a3 antibody**

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### Overview

Quantity:	100 µL
Target:	COL4a3 (COL4A3)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This COL4a3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

### Product Details

Purpose:	Monoclonal Antibody to Collagen Type IV Alpha 3 (COL4a3)
Immunogen:	RPC143Hu01Recombinant Collagen Type IV Alpha 3 (COL4a3)
Clone:	D2
Specificity:	The antibody is a mouse monoclonal antibody raised against COL4a3. It has been selected for its ability to recognize COL4a3 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Protein A + Protein G affinity chromatography

### Target Details

Target:	COL4a3 (COL4A3)
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## Target Details

Alternative Name:	COL4a3 ( <a href="#">COL4A3 Products</a> )
Background:	COL4-A3, Tumstatin, Goodpasture Antigen, Collagen Alpha-3(IV)chain
UniProt:	<a href="#">Q01955</a>
Pathways:	<a href="#">Sensory Perception of Sound</a> , <a href="#">Positive Regulation of Endopeptidase Activity</a>

## Application Details

Application Notes:	Western blotting: 0.01-2 µg/mL,Immunohistochemistry: 5-20 µg/mL,Immunocytochemistry: 5-20 µg/mL,Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin, Sodium azide
Precaution of Use:	This product contains ProClin and Sodium azide: POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.