

## ARG66439 anti-Collagen IX alpha 3 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes Collagen IX alpha 3
Tested Reactivity	Hu, Ms
Tested Application	ICC/IF, IHC-P
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Collagen IX alpha 3
Species	Human
Immunogen	Synthetic peptide corresponding to aa. 290-370 of Human Collagen IX alpha 3.
Conjugation	Un-conjugated
Alternate Names	IDD; MED; EDM3; DJ885L7.4.1; Collagen alpha-3(IX) chain

### Application Instructions

Application table	Application	Dilution
	ICC/IF	1:200 - 1:1000
	IHC-P	1:100 - 1:300
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS, 0.02% Sodium azide, 50% Glycerol and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol and 0.5% BSA
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

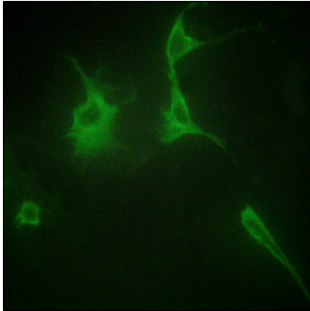
## Bioinformation

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Gene Symbol	COL9A3
Gene Full Name	collagen, type IX, alpha 3
Background	This gene encodes one of the three alpha chains of type IX collagen, the major collagen component of hyaline cartilage. Type IX collagen, a heterotrimeric molecule, is usually found in tissues containing type II collagen, a fibrillar collagen. Mutations in this gene are associated with multiple epiphyseal dysplasia type 3. [provided by RefSeq, Jan 2010]
Function	Structural component of hyaline cartilage and vitreous of the eye. [UniProt]
Calculated Mw	64 kDa
PTM	Covalently linked to the telopeptides of type II collagen by lysine-derived cross-links.  Prolines at the third position of the tripeptide repeating unit (G-X-Y) are hydroxylated in some or all of the chains. [UniProt]
Cellular Localization	Secreted, extracellular space, extracellular matrix. [UniProt]

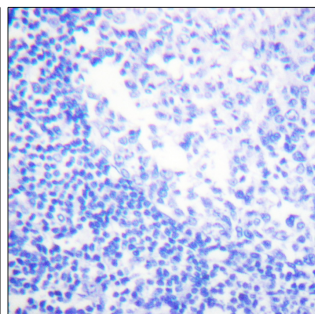
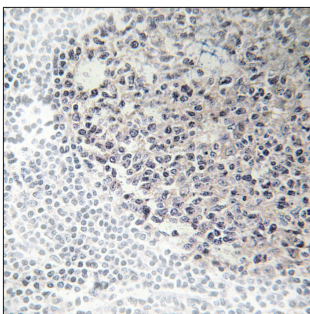
## Images

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ARG66439 anti-Collagen IX alpha 3 antibody ICC/IF image

Immunofluorescence: NIH/3T3 cells stained with ARG66439 anti-Collagen IX alpha 3 antibody. The picture on the right is blocked with the synthetic peptide.



ARG66439 anti-Collagen IX alpha 3 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human tonsil stained with ARG66439 anti-Collagen IX alpha 3 antibody. The picture on the right is blocked with the synthetic peptide.