

# Collagen alpha-3(IV) chain Polyclonal Conjugated Antibody



Catalog No: #C42131

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Package Size: #C42131-AF350 100ul #C42131-AF405 100ul #C42131-AF488 100ul

#C42131-AF555 100ul #C42131-AF594 100ul #C42131-AF647 100ul

#C42131-AF680 100ul #C42131-AF750 100ul #C42131-Biotin 100ul

## Description

Product Name	Collagen alpha-3(IV) chain Polyclonal Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Collagen alpha-3(IV) chain polyclonal antibody.
Immunogen Description	Recombinant human Collagen alpha-3(IV) chain protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Goodpasture antigen, COL4A3
Accession No.	Swiss-Prot#: Q01955
Uniprot	Q01955
GeneID	1285;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Background

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Type IV collagen is the major structural component of glomerular basement membranes (GBM), forming a 'chicken-wire' meshwork together with laminins, proteoglycans and entactin/nidogen.

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Note: This product is for in vitro research use only