

Recombinant

DGRmAb®

Collagen III (DGR14723) Rabbit mAb

db14567

Package : 10µL 20µL 50µL 100µL

Product Name : Collagen III (DGR14723) Rabbit mAb

Cat.No.: db14567

Synonyms : EDS4A

Application : WB, ICC/IF, FC, IP

Reactivity : Human,Mouse,Rat

Host species : Rabbit

Background

This gene encodes the pro-alpha1 chains of type III collagen, a fibrillar collagen that is found in extensible connective tissues such as skin, lung, uterus, intestine and the vascular system, frequently in association with type I collagen. Mutations in this gene are associated with Ehlers-Danlos syndrome types IV, and with aortic and arterial aneurysms. Two transcripts, resulting from the use of alternate polyadenylation signals, have been identified for this gene. [provided by R. Dalgleish, Feb 2008]

Immunogen

Recombinant protein of human Collagen III

Gene ID

1281

Swiss Prot

P02461

Synonyms

EDS4A

Reactivity

Human,Mouse,Rat

Application

WB, ICC/IF, FC, IP

Recommended dilution

WB: 1:1000
 ICC/IF: 1:100
 FC: 1:20-1:50
 IP: 1:20-1:50

Calculated MW

139 kDa

Observed MW

150 kDa

Host species

Rabbit

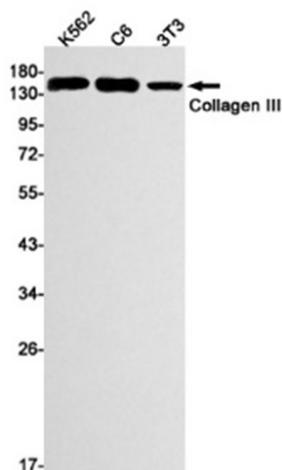
Clonality

Monoclonal

Clonality No.

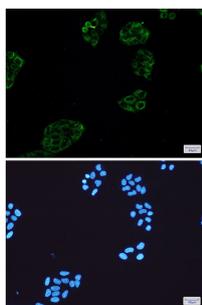
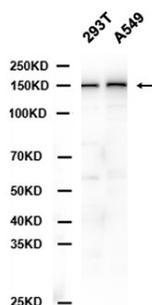
DGR14723

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of Collagen III in K562,C6,3T3 cell lysates using Collagen III antibody(1:1000 diluted).

Western blot analysis of extracts from A549 293T cells using db14567 at 1:1000.



Immunofluorescent analysis of HeLa cells using db14567 antibody (green), and DAPI (blue).