

For Research Use Only

COL5A3 Polyclonal antibody, PBS Only

Catalog Number: 30204-1-PBS



Basic Information

Catalog Number:

30204-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG30705

GenBank Accession Number:

NM_015719

GeneID (NCBI):

50509

UNIPROT ID:

P25940

Full Name:

collagen, type V, alpha 3

Calculated MW:

172 kDa

Observed MW:

145 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human

Background Information

COL5A3 (Collagen type V alpha 3) belongs to the fibrillar collagen family. Type V collagen (COLV) is a member of a group I collagen (fibrillar forming collagen) and has three varieties of α chains: $\alpha 1$ (COL5A1), $\alpha 2$ (COL5A2), and $\alpha 3$ (COL5A3). COLV is a minor connective tissue component of nearly ubiquitous distribution. It binds to DNA, heparan sulfate, thrombospondin, heparin, and insulin. This antibody is specific to COL5A3.

Storage

Storage:

Store at -80°C .

Storage Buffer:

PBS only

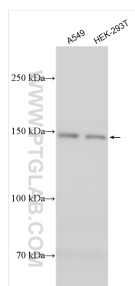
For technical support and original validation data for this product please contact:

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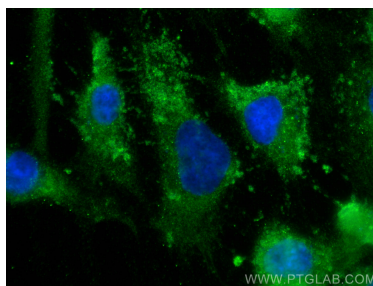
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 30204-1-AP (COL5A3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 30204-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed HUVEC cells using COL5A3 antibody (30204-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 30204-1-PBS in a different storage buffer formulation.