COL5A3 Polyclonal antibody, PBS Only

Catalog Number:30204-1-PBS

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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: α1 (COL5A1), α2 (COL5A2), and α3 (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
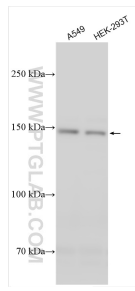
Storage:
Store at -80℃.
Storage Buffer:
PBS Only

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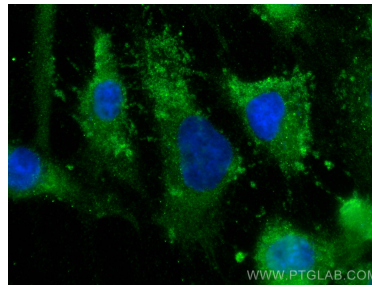
Immunofluorescent analysis of (-20°C Methanol) fixed HUVEC cells using COL5A3 antibody (30204-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 30204-1-PBS in a different storage buffer formulation.