

For Research Use Only

DSG2 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 87426-4-PBS



Basic Information

Catalog Number:

87426-4-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG6509

GenBank Accession Number:

NM_001943.4

GeneID (NCBI):

1829

UNIPROT ID:

Q14126

Full Name:

desmoglein 2

Calculated MW:

122 kDa

Purification Method:

Protein A purification

CloneNo.:

251405E2

Applications

Tested Applications:

Sandwich ELISA, Indirect ELISA

Species Specificity:

human

Background Information

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

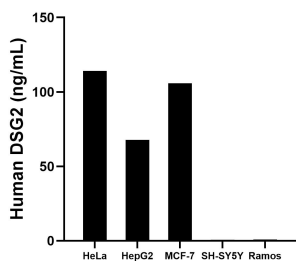
T: 4006900926

E: Proteintech-CN@ptglab.com

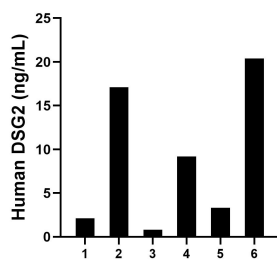
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

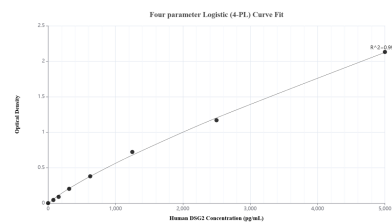
Selected Validation Data



The mean DSG2 concentration was determined to be 114.1 ng/mL in HeLa cell extract based on a 1.2 mg/mL extract load, 67.7 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load, 105.8 ng/mL in MCF-7 cell extract based on a 1.2 mg/mL extract load, 1.0 ng/mL in SH-SY5Y cell extract based on a 1.2 mg/mL extract load and 1.0 ng/mL in Ramos cell extract based on a 2.3 mg/mL extract load.



Plasma of six individual healthy human donors was measured. The DSG2 concentration of detected samples was determined to be 8.8 ng/mL with a range of 0.8-20.4 ng/mL.



Sandwich ELISA standard curve of MP03039-2, Human DSG2 Recombinant Matched Antibody Pair - PBS only. 87426-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg6509. 87426-4-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL.