

For Research Use Only

# DSG1 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84053-2-PBS



## Basic Information

Catalog Number:

84053-2-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG20184

GenBank Accession Number:

BC153001

GeneID (NCBI):

1828

UNIPROT ID:

Q02413

Full Name:

desmoglein 1

Calculated MW:

1049 aa, 114 kDa

Purification Method:

Protein A purification

CloneNo.:

241093E12

## Applications

Tested Applications:

Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

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

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

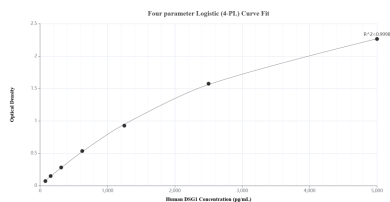
T: 4006900926

E: Proteintech-CN@ptglab.com

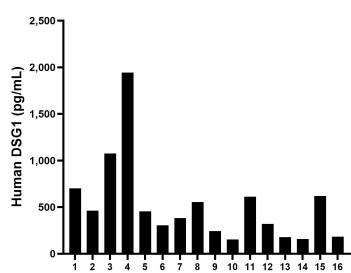
W: ptgcn.com

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

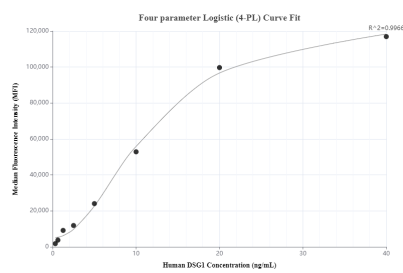
## Selected Validation Data



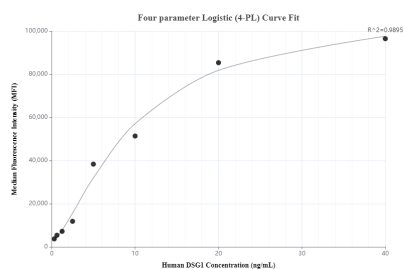
Sandwich ELISA standard curve of MP00985-4, Human DSG1 Recombinant Matched Antibody Pair - PBS only. 84053-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag20184. 84053-7-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL.



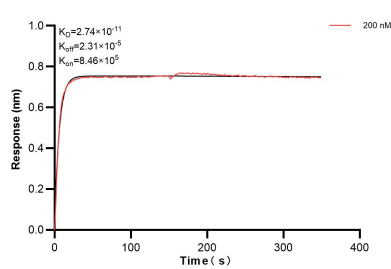
Serum of sixteen individual healthy human donors was measured. The DSG1 concentration of detected samples was determined to be 521.4 pg/mL with a range of 152.5-1,943.2 pg/mL.



Cytometric bead array standard curve of MP00985-1, DSG1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84053-2-PBS. Detection antibody: 84053-1-PBS. Standard: Ag20184. Range: 0.313-40 ng/mL.



Cytometric bead array standard curve of MP00985-2, DSG1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84053-2-PBS. Detection antibody: 84053-5-PBS. Standard: Ag20184. Range: 0.313-40 ng/mL.



Biolayer interferometry (BLI) kinetic assay of 84053-2-PBS against Human DSG1 was performed. The affinity constant is 27.4 pM.