

DSG2 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP03039-2

Capture Antibody Information

Catalog Number:

87426-5-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

251405F12

Reactivity:

human

Immunogen Catalog Number:

Eg6509

Conjugate:

Unconjugated

Full name:

desmoglein 2

Gene ID:

1829

Detection Antibody Information

Catalog Number:

87426-4-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

251405E2

Reactivity:

human

GenBank:

NM_001943.4

Immunogen Catalog Number:

Eg6509

Conjugate:

Unconjugated

Full name:

desmoglein 2

Gene ID:

1829

Applications

Tested Applications:

Sandwich ELISA

Range:

78.1-5000 pg/mL (Sandwich ELISA)

Recommended Dilutions:

It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP03039-2 targets DSG2 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: DSG2 Recombinant monoclonal antibody, PBS Only (Capture) 87426-5-PBS (251405F12). 100 µg. Concentration 1 mg/mL.

Detection antibody: DSG2 Recombinant monoclonal antibody, PBS Only (Detector) 87426-4-PBS (251405E2). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

Storage

Storage:

Store at -80°C.

Storage buffer:

PBS only

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

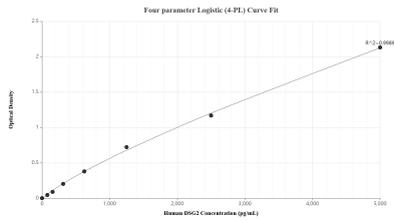
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

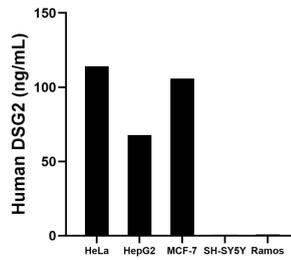
W: ptglab.com

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

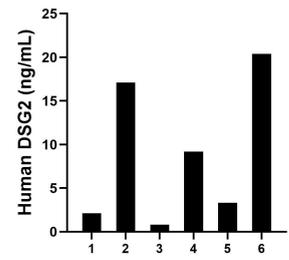
Selected Validation Data



Sandwich ELISA standard curve of 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



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.