

For Research Use Only

DSG2 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP03039-1

Capture Antibody Information

Catalog Number:
87426-3-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
251405C8

Reactivity:
human

Immunogen Catalog Number:
Eg6509

Conjugate:
Unconjugated

Full name:
desmoglein 2

Gene ID:
1829

Detection Antibody Information

Catalog Number:
87426-2-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
251405E3

Reactivity:
human

GenBank:
NM_001943.4

Immunogen Catalog Number:
Eg6509

Conjugate:
Unconjugated

Full name:
desmoglein 2

Gene ID:
1829

Applications

Tested Applications:
Cytometric bead array

Range:
0.156-20 ng/mL (Cytometric Bead Array)

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

Product Information

MP03039-1 targets DSG2 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: DSG2 Recombinant monoclonal antibody, PBS Only (Capture) 87426-3-PBS (251405C8). 100 µg. Concentration 1 mg/mL.

Detection antibody: DSG2 Recombinant monoclonal antibody, PBS Only (Detector) 87426-2-PBS (251405E3). 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

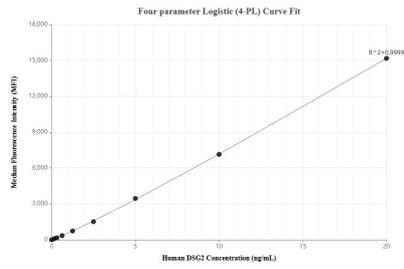
For technical support and original validation data for this product please contact:

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

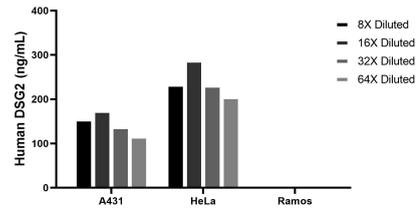
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Cytometric bead array standard curve of MP03039-1, DSG2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87426-3-PBS. Detection antibody: 87426-2-PBS. Standard: Eg6509. Range: 0.156-20 ng/mL



The mean DSG2 concentration was determined to be 145.1 ng/mL in A431 cell extract based on a 1.2 mg/mL extract load, 238.8 ng/mL in HeLa cell extract based on a 1.2 mg/mL extract load, Ramos cell extract were served as a negative control.