

For Research Use Only

DSG2 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 87426-2-PBS



Basic Information

Catalog Number: 87426-2-PBS	GenBank Accession Number: NM_001943.4	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 1829	CloneNo.: 251405E3
Source: Rabbit	UNIPROT ID: Q14126	
Isotype: IgG	Full Name: desmoglein 2	
Immunogen Catalog Number: EG6509	Calculated MW: 122 kDa	

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
human

Product Information

87426-2-PBS targets DSG2 as part of a matched antibody pair:

MP03039-1: 87426-3-PBS capture and 87426-2-PBS detection (validated in Cytometric bead array)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) 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.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

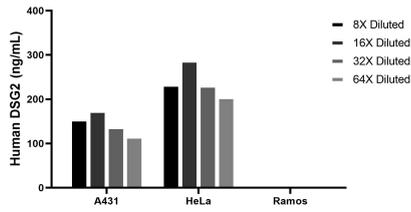
For technical support and original validation data for this product please contact:

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

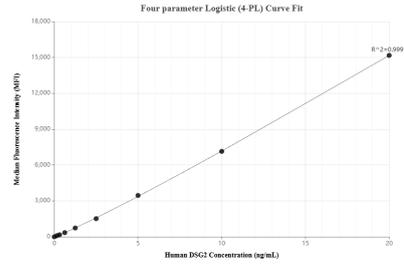
E: proteintech@ptglab.com
W: ptglab.com

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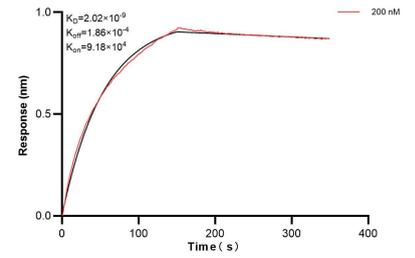
Selected Validation Data



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.



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.



Bi-layer interferometry (BLI) kinetic assay of 87426-2-PBS against Human DSG2 was performed. The affinity constant is 2.02 nM.