

For Research Use Only

DSG2 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 87426-5-PBS



Basic Information

Catalog Number: 87426-5-PBS	GenBank Accession Number: NM_001943.4	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 1829	CloneNo.: 251405F12
Isotype: IgG	UNIPROT ID: Q14126	
Immunogen Catalog Number: EG6509	Full Name: desmoglein 2	
	Calculated MW: 122 kDa	

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:

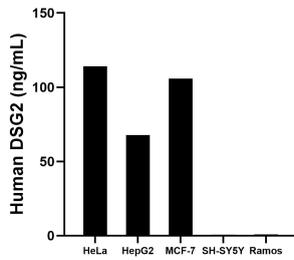
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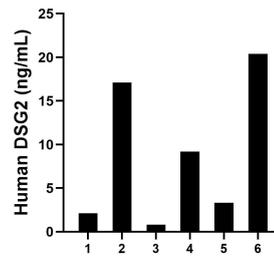
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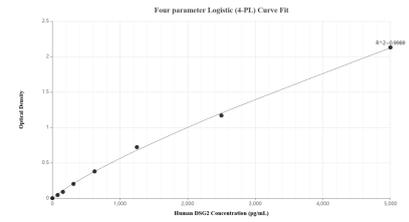
Selected Validation Data



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.