

# Product Datasheet

## Desmoglein-3 Antibody (DSG3/2796) NBP3-07874-100ug

Unit Size: 100 ug

Store at 4C.

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**NBP3-07874-100ug**

Desmoglein-3 Antibody (DSG3/2796)

Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	DSG3/2796
Preservative	0.05% Sodium Azide
Isotype	IgG2b Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	130 kDa

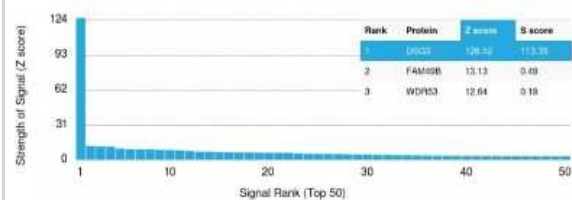
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP3-08410)  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	1830
Gene Symbol	DSG3
Species	Human
Marker	Squamous Cell Marker
Specificity/Sensitivity	Recognizes a protein of 130kDa, identified as Desmoglein-3 (DSG3). This monoclonal antibody is highly specific to Desmoglein-3 and does not cross-react with other members of the Desmoglein-family. DSG3 is a calcium-binding transmembrane glycoprotein component of desmosomes in vertebrate epithelial cells. Research has shown that DSG3 has a very high sensitivity (80%) and specificity (100%) in recognizing squamous cell carcinoma (SqCC). Therefore, DSG3 is considered a very important marker for lung SqCC and can be a useful ancillary marker to separate SqCC from other subtypes of lung cancer. Moreover, studies have shown that DSG3 expression in lung SqCC may indicate a poor prognosis.
Immunogen	Recombinant fragment (around aa 379-491) human Desmoglein-3 protein (exact sequence is proprietary) (Uniprot: P32926)

Product Application Details	
Applications	Western Blot, ELISA, Protein Array
Recommended Dilutions	Western Blot 1-2 ug/ml, ELISA, Protein Array
Application Notes	ELISA: For coating, order Ab without BSA. Optimal dilution for a specific application should be determined.



## Images

Protein Array: Desmoglein-3 Antibody (DSG3/2796) [NBP3-07874] - Analysis of Protein Array containing more than 19,000 full-length human proteins using Desmoglein-3 Mouse Monoclonal Antibody (DSG3/2796).





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### **Products Related to NBP3-07874-100ug**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NBP2-54729PEP	Desmoglein-3 Recombinant Protein Antigen

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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