



UK Office

Everest Biotech Ltd

Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD
UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

**Research Use Only. Not for
diagnostic or therapeutic use.**

EB09586 - Goat Anti-Desmoglein 1 / DSG1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: DSG1, desmoglein 1, CDHF4, DG1, DSG, desmosomal glycoprotein 1, pemphigus foliaceus antigen

Official Symbol: DSG1

Accession Number(s): NP_001933.2

Human GeneID(s): [1828](#)

Immunogen

Peptide with sequence C-YTTSDTLKPSVHVHD, from the internal region of the protein sequence according to NP_001933.2.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Preliminary experiments in lysates of cell lines A431, HeLa, K562 and MOLT4 gave no specific signal but low background (at antibody concentration up to 1µg/ml).

IHC: In paraffin embedded Human Skin shows staining of the cellular membranes of keratinocytes. Recommended concentration, 4-6µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

EB09586 (3.8µg/ml) staining of paraffin embedded Human Skin. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.