![Everest - an Absolute Biotech Company]

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Research Use Only. Not for diagnostic or therapeutic use.

EB10152 - Goat Anti-Desmoplakin (aa 1546-1558) Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: 250 kDa paraneoplastic pemphigus antigen, desmoplakin, desmoplakin I, DPI, DSP
Official Symbol: DSP
Accession Number(s): NP_004406.2
Human GeneID(s): 1832
Non-Human GeneID(s): 109620 (mouse), 306871 (rat)
Important Comments: This antibody is expected to recognize reported isoform I (NP_004406.2) only.

Immunogen

Peptide with sequence C-SQERTVKDQDITR, from the internal region of the protein sequence according to NP_004406.2.

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 1:4000.
Western blot: Preliminary experiments in lysates of cell lines HEK293, HeLa and NIH3T3 gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

Species Reactivity

Tested:
Expected from sequence similarity: Human, Mouse, Rat, Cow