

## UK Office

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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