



## UK Office

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

## EB10758-B - Goat Anti-Delta-Sarcoglycan (aa245-257), Biotinylated Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** SGCD, sarcoglycan delta, 35DAG, CMD1L, DAGD, SG-delta, SGCDP, SGD, 35 kDa dystrophin-associated glycoprotein, delta-SG, dystrophin associated glycoprotein, delta sarcoglycan, placental delta sarcoglycan, sarcoglycan, delta (35kDa dystrophin-associated glycoprotein)

**Official Symbol:** SGCD

**Accession Number(s):** NP\_000328.2; NP\_001121681.1

**Human GeneID(s):** [6444](#)

**Non-Human GeneID(s):** 24052 (mouse), 497892 (rat)

**Important Comments:** This antibody is expected to recognize isoform 1 (NP\_000328.2) and isoform 3 (NP\_001121681.1).

### Immunogen

Peptide with sequence C-RLPHGSYTPTGTR., from the internal region of the protein sequence according to NP\_000328.2; NP\_001121681.1.

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 1:16000.

**Western blot:** Approx 37kDa band observed in Human Heart lysates (calculated MW of 32.2kDa according to NP\_000328.2). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.3-1µg/ml.

### Species Reactivity

**Tested:** Human, Rat

**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Pig, Cow



Biotinylated EB10758 (0.3 $\mu$ g/ml) staining of Human Heart lysate (35 $\mu$ g protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.