

## UK Office

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

## EB09106 - Goat Anti-Desmin Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** DES, desmin, CMD1I, CSM1, CSM2, FLJ12025, FLJ39719, FLJ41013, FLJ41793, intermediate filament protein

**Official Symbol:** DES

**Accession Number(s):** NP\_001918.3

**Human GeneID(s):** [1674](#)

**Non-Human GeneID(s):** 13346 (mouse), 64362 (rat)

### Immunogen

Peptide with sequence C-RDGEVVSEATQQQHE, from the C Terminus of the protein sequence according to NP\_001918.3.

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

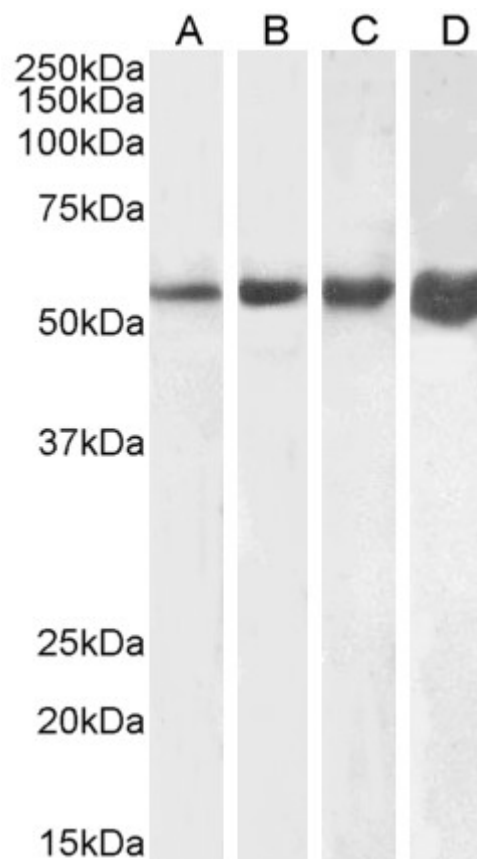
**Peptide ELISA:** antibody detection limit dilution 1:4000.

**Western blot:** Approx 55-60kDa band observed in Human, Mouse, Rat and Pig Skeletal Muscle lysates (calculated MW of 53.5kDa according to Human NP\_001918.3, Mouse NP\_034173.1, Rat NP\_071976.1 and 53.6kDa according to Pig NP\_001001535.1).  
Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour.

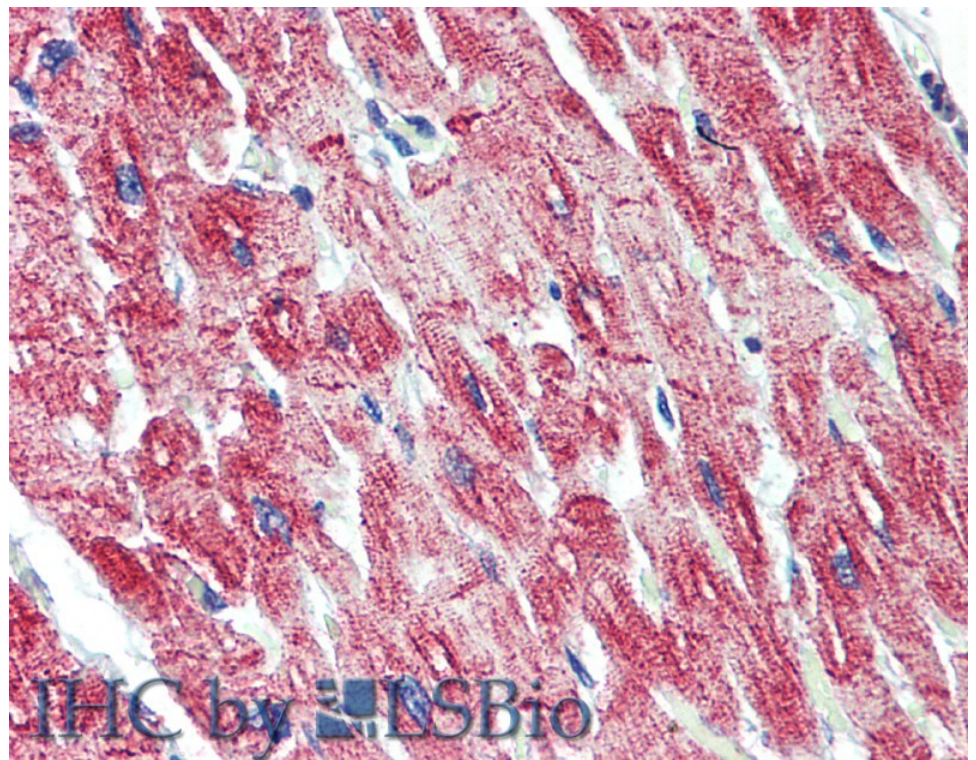
### Species Reactivity

**Tested:** Human, Mouse, Rat, Pig

**Expected from sequence similarity:** Human, Dog, Cow

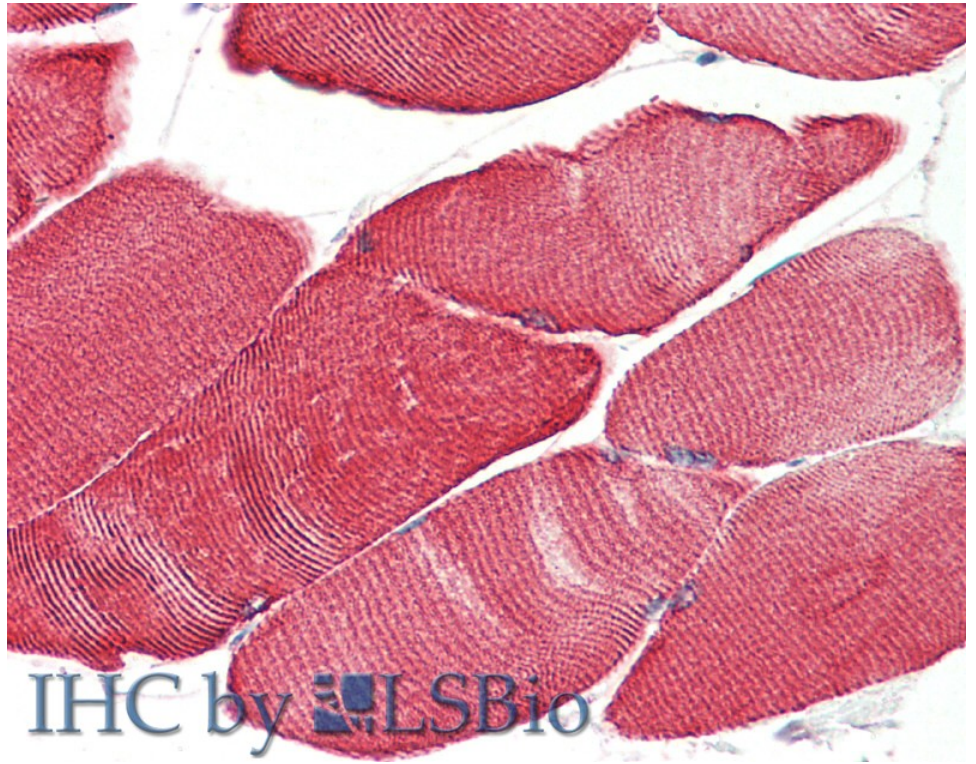


EB09106 (1µg/ml) staining of Human (A), Mouse (B), Rat (C) and Pig (D) Skeletal Muscle lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

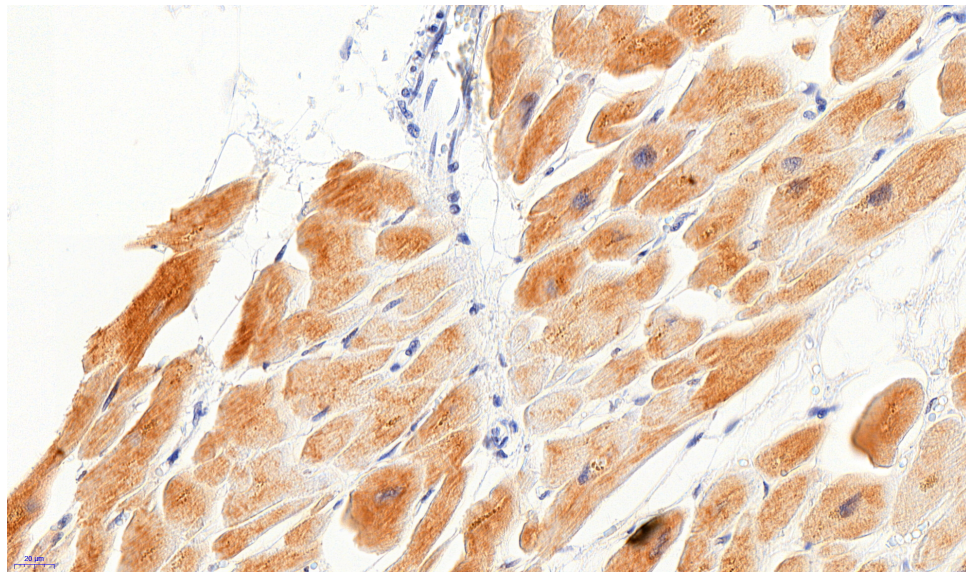


EB09106 (5µg/ml) staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer pH 6, AP-staining. **This data is from a previous batch, not on sale.**

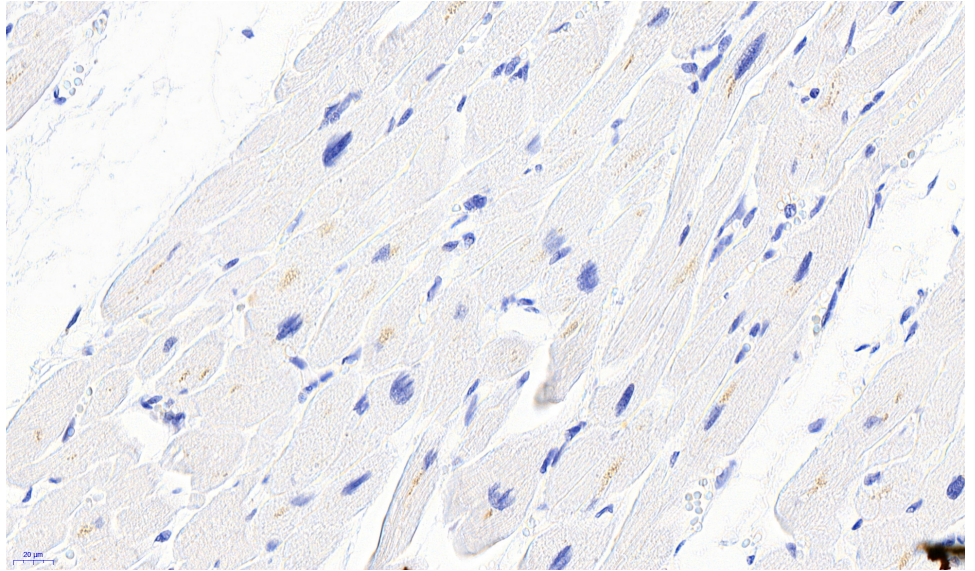




EB09106 (5 $\mu$ g/ml) staining of paraffin embedded Human Skeletal Muscle. Steamed antigen retrieval with citrate buffer pH 6, AP-staining. **This data is from a previous batch, not on sale.**



EB09106 (3.75 $\mu$ g/ml) staining of paraffin embedded Human Heart. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining. **This data is from a previous batch, not on sale.**



EB09106 Negative Control showing staining of paraffin embedded Human Heart, with no primary antibody. **This data is from a previous batch, not on sale.**