EB10610 - Goat Anti-ODF2 Antibody

Size: 100µg specific antibody in 200µl

International Office

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Target Protein

Principal Names: ODF2, outer dense fiber of sperm tails 2, CT134, FLJ44866, MGC111096, MGC9034, ODF2/1, ODF2/2, ODF84, cancer/testis antigen 134, cenexin 1, outer dense fiber of sperm tails protein 2, outer dense fiber of sperm tails, 84-kD, outer dens fiber protein 2, outer dense fibre of sperm tails 2, sperm tail structural protein
Official Symbol: ODF2
Accession Number(s): NP_002531.3; NP_702915.1
Human GeneID(s): 4957
Non-Human GeneID(s): 18286 (mouse), 29479 (rat)
Important Comments: This antibody is expected to recognize reported isoform 1 (NP_002531.3).

Immunogen

Peptide with sequence C-REKHQASQKENKQ, from the internal region of the protein sequence according to NP_002531.3; NP_702915.1.

Please note the peptide is available for sale.

Purification and Storage

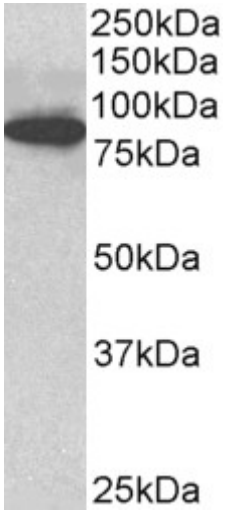
Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.
Western blot: Approx 85kDa band observed in C57/B6 mouse CTL lysates (calculated MW of 95.4kDa according to Mouse NP_001106684.1). Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Mouse
Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig



EB10610 (3µg/ml) staining of C57/B6 mouse CTL lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence. Data provided by Everest grant winner Dr. J. Griffiths, University of Cambridge, UK