



Everest Biotech Ltd
Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD, UK

www.everestbiotech.com

info@everestbiotech.com
sales@everestbiotech.com

Tel +44 1869 238326
Fax +44 1869 238327

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

Storage: For long-term
storage keep aliquots at
-20°C. (Store no longer than
12 months at 4°C). Minimize
freezing and thawing.

EB09189 – Goat anti-Klk1b27 (mouse) antibody

Size: 100µg specific antibody in 200µl

This product is one of a range of Investigative Grade antibodies, made against targets that have limited or no commercial antibodies available to them and for which there are no data on the expression of the protein in the range of common cell lines and tissues available to us. These antibodies are affinity purified using their peptide immunogen and are known to give low background staining in a western blot (see Application Notes below). However no additional claims are made for their ability to recognise native protein in any application.

Target Protein

Principal Names: Klk1b27; kallikrein 1-related peptidase b27; Gk27; Klk27; mGK-27; glandular kallikrein 27; kallikrein 27

Official Gene Symbol: Klk1b27

Accession Number(s): NP_064664.1

Human Gene ID(s):

Non-Human GeneID(s): 16619 (mouse);

Immunogen

Peptide with sequence C-NDHIPHPEDKSND, from the internal region of the protein sequence according to NP_064664.1

Purification

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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:1,000. Western Blot: Preliminary experiments in Mouse Kidney and Testis lysates 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: Mouse

Background Reference

Matsui H, Moriyama A, Takahashi T.

Cloning and characterization of mouse klk27, a novel tissue kallikrein expressed in testicular Leydig cells and exhibiting chymotrypsin-like specificity.

European journal of biochemistry / FEBS 2000 Dec 267 (23): 6858-65.

PMID: 11082197

