



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

[www.everestbiotech.com](http://www.everestbiotech.com)

[info@everestbiotech.com](mailto:info@everestbiotech.com)  
[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tel +44 1869 238326  
Fax +44 1869 238327

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

Storage: Aliquot and store at  
-20°C. Minimize freezing and  
thawing.

**Related Products**  
EB05189

## Product: EB07179 – Goat anti-MTMR9

*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: MTMR9; myotubularin related protein 9 ; C8orf9; DKFZp434K171; LIP-STYX; MGC126672; MTMR8 ; myotubularin related protein 8; myotubularin-related protein 9; myotubularin-related protein 9 variant

Official Gene Symbol: MTMR9

Accession Number(s): NP\_056273.2

Human Gene ID(s): 66036

Non-Human GeneID(s): 210376 (mouse);

### **Immunogen**

Peptide with sequence GTNGRRCKEDEK, from the internal region of the protein sequence according to NP\_056273.2

### **Purification**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied as 100 µg of purified antibody. 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 1:2,000. Western Blot: Preliminary experiments in Human Skin lysates and in lysates of cell lines A431 and HeLa 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, Dog

### **Background Reference**

Mochizuki Y, Majerus PW.

Characterization of myotubularin-related protein 7 and its binding partner, myotubularin-related protein 9.

Proc Natl Acad Sci U S A. 2003 Aug 19;100(17):9768-73. Epub 2003 Jul 30.

PMID: 12890864

