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

EB05192 - Goat Anti-MTMR4 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: MTMR4, myotubularin related protein 4, KIAA0647, FYVE-DSP2

Official Symbol: MTMR4

Accession Number(s): NP_004678

Human GeneID(s): [9110](#)

Immunogen

Peptide with sequence C-MSQQLKKPIATASS, from the C Terminus of the protein sequence according to NP_004678.

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

Western blot: Western blot: Approx 90-100kDa band seen in MOLT-4 cell lysates.

Recommended for use at 1-3µg/ml.

Please note that the band we observe is different to the predicted MW of 131kDa. We do not have an explanation for this at present. Ishikawa et al., (DNA Res. 5: 169-176, 1998) observed MW of the in vitro transcribed/translated product of MTMR4 greater than 100 kD by SDS-PAGE. Zhao et al., (Exp. Cell Res. 265: 329-338, 2001) observed MW of MTMR4 to be approximately 130kDa. We would appreciate any feedback from people in the field - have any results been reported with other antibodies? Have any splice variants/modified forms been reported?

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse