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EB07865 - Goat Anti-MYLK Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: MYLK, myosin, light chain kinase, DKFZp686I10125, FLJ12216, KRP, MLCK, MLCK108, MLCK210, MSTP083, myosin light chain kinase, myosin, light polypeptide kinase Official Symbol: MYLK Accession Number(s): NP_444253.3; NP_444254.3 ; NP_444255.3; NP_444256.3 Human GeneID(s): <u>4638</u> Important Comments: This antibody is expected to recognise all reported isoforms (NP_444253.3; NP_444254.3 ; NP_444255.3 and NP_444256.3).

Immunogen

Peptide with sequence C-KDTKNMEAKKLSKD, from the internal region of the protein sequence according to NP_444253.3; NP_444254.3 ; NP_444255.3; NP_444256.3.

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.

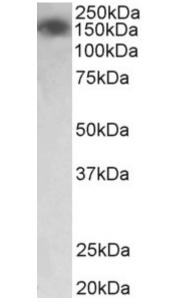
Applications Tested

Peptide ELISA: antibody detection limit dilution 1:8000. **Western blot:** Approx 150kDa band observed in Human Colon and Lung lysates (calculated MW of 197kDa according to NP_444256.3). Recommended concentration: 0.01-0.03µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse,



EB07865 (0.03µg/ml) staining of Human Colon lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.