

Anti-Human Creatine Kinase-MM [MAK33] Standard Size Ab00395-1.1

Isotype and Format: Mouse IgG1, Kappa

Clone Number: MAK33

Alternative Name(s) of Target: CK-MM

UniProt Accession Number of Target Protein: P06732

Published Application(s): ELISA

Published Species Reactivity: Human

Immunogen: Human creatine-kinase-MM in Al(OH)₃.

Specificity: The antibody binds specifically to the human creatine-kinase-MM subtype (and not the the MB or BB subtype).

Application Notes: This antibody binds to human muscle creatine-kinase-MM, an enzyme that catalyzes the conversion of creatine and ATP to phosphocreatine and ADP, generating an ATP-buffer in the muscle. The antibody blocks CK-MM activity by 80%.

Antibody First Published in: Buckel et al. Cloning and nucleotide sequence of heavy- and light-chain cDNAs from a creatine-kinase specific monoclonal antibody Gene 1987; 51:13-19 [PMID:3110009](#)

Note on publication: Describes the generation of a monoclonal antibody directed against the human creatine kinase M-subunit.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.