



CKMT1A Monoclonal Antibody

Product Code	CSB-MA149995
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Immunogen	Purified recombinant Human CKMT1 protein fragments expressed in E.coli.
Raised In	Mouse
Species Reactivity	Human,Dog,Rat,Rabbit,Mouse,Pig
Tested Applications	ELISA,WB;Recommended dilution:WB:1:500-1:5000
Relevance	Mitochondrial creatine (MtCK) kinase is responsible for the transfer of high energy phosphate from mitochondria to the cytosolic carrier, creatine. Reversibly catalyzes the transfer of phosphate between ATP and various phosphogens (e.g. creatine phosphate). Creatine kinase isoenzymes play a central role in energy transduction in tissues with large, fluctuating energy demands, such as skeletal muscle.
Form	Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50%,glycerol
Purification Method	Affinity purified
Isotype	IgG1
Clonality	Monoclonal
Alias	CKMT, CKMT1, UMTCK, CKMT1A
Product Type	Monoclonal Antibody
Immunogen Species	Homo sapiens (Human)
Clone No.	25E4
Usage	For Research Use Only. Not for use in diagnostic or therapeutic procedures.