

Product datasheet

Anti-Creatine Kinase MM antibody ab38178

1 Image

Overview

Product name	Anti-Creatine Kinase MM antibody
Description	Rabbit polyclonal to Creatine Kinase MM
Host species	Rabbit
Tested applications	Suitable for: ELISA, WB
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide from within amino acids 250-350 of human creatine kinase MM conjugated to KLH
Positive control	C6 cell lysate

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
Storage buffer	Preservative: 0.09% Sodium Azide Constituents: PBS
Purity	Protein G purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab38178** in the following tested applications.

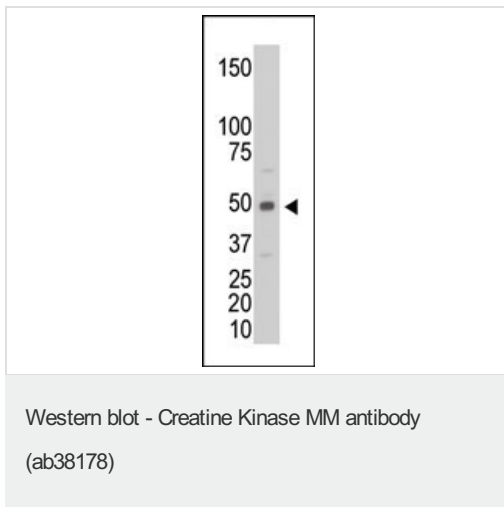
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ELISA		1/1000.
WB		1/100 - 1/500. Detects a band of approximately 47 kDa (predicted molecular weight: 43 kDa).

Target

Function	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, heart, brain and spermatozoa.
Sequence similarities	Belongs to the ATP:guanido phosphotransferase family. Contains 1 phosphagen kinase C-terminal domain. Contains 1 phosphagen kinase N-terminal domain.
Cellular localization	Cytoplasm.

Images



Anti-Creatine Kinase MM antibody (ab38178)
at 1/100 dilution + C6 cell lysate

Predicted band size: 43 kDa

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