

Anti-skeletal troponin I [clone 6G1A9B10] Standard Size Ab04360-2.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This is a reformatted mouse IgG2a Fc Silent™ antibody, based on the original mouse IgG2a format, created for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse IgG2a, [Fc Silent™](#), Kappa

Clone Number: clone 6G1A9B10

Alternative Name(s) of Target: 6G1A9B10; sTn; Troponin I2 fast skeletal type

UniProt Accession Number of Target Protein: A0A2K6B510

Published Application(s): ELISA

Published Species Reactivity: Cow, Porcine

Immunogen: The antibody was generated immunizing mice against purified equine sTnI.

Specificity: The antibody is specific to porcine sTnI and sTnC but negative to sTnT.

Application Notes: The specificity of the original format of the antibody was confirmed by ELISA analysis. The antibody detected porcine skeletal troponin complex by western blot analysis (Jiang et al., 2020).

Antibody First Published in: Chen et al. Monoclonal Antibodies to Porcine Thermal-Stable Muscle Protein for Detection of Pork in Raw and Cooked Meats Volume 63, No. 2, 1998—JOURNAL OF FOOD SCIENCE [PMID:](#)

Note on publication: The original paper describes the generation and characterization of the antibody.

Product Form

Size: 100 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.