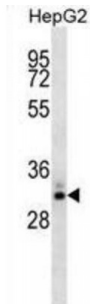


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Stanniocalcin-2 (STC2) Antibody

Catalogue No.: abx025328



This gene encodes a secreted, homodimeric glycoprotein that is expressed in a wide variety of tissues and may have autocrine or paracrine functions. The encoded protein has 10 of its 15 cysteine residues conserved among stanniocalcin family members and is phosphorylated by casein kinase 2 exclusively on its serine residues. Its C-terminus contains a cluster of histidine residues which may interact with metal ions. The protein may play a role in the regulation of renal and intestinal calcium and phosphate transport, cell metabolism, or cellular calcium/phosphate homeostasis. Constitutive overexpression of human stanniocalcin 2 in mice resulted in pre and postnatal growth restriction, reduced bone and skeletal muscle growth, and organomegaly. Expression of this gene is induced by estrogen and altered in some breast cancers.

Target: STC2

Reactivity: Human

Host: Mouse

Clonality: Monoclonal

Tested Applications: WB

Recommended dilutions: Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Human STC2.

Purification: Purified Mouse Monoclonal Antibody.

Isotype: IgAk

Conjugation: Unconjugated

Specificity: This STC2 monoclonal antibody is generated from mouse immunized with STC2 recombinant protein.

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

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Swiss Prot: [O76061](#)

Gene Symbol: STC2

Buffer: PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Note: This product is for research use only.