SRC (5D10) Antibody

Subcategory: Mouse Monoclonal Antibody
Cat. No.: 252781
Unit: 0.1 ml

Description:
c-Src (Proto-oncogene tyrosine-protein kinase Src) is a non-receptor protein tyrosine kinase. It plays pivotal roles in numerous cellular processes such as proliferation, migration and transformation. In concert with PTK2B, c-Src plays an important role in osteoclastic bone resorption. Both the formation of a SRC-PTK2B complex and c-SRC kinase activity are necessary for this function. Once it is recruited to the activated integrins by PTK2B, c-Src phosphorylates CBL which in turn induces the activation and recruitment of phosphatidylinositol 3-kinase to the cell membrane in a signaling pathway that is critical for osteoclast function. C-Src promotes energy production in osteoclasts by activating mitochondrial cytochrome C oxidase.

Isotype: Mouse IgG2a
Applications: WB
Species Reactivity: H
Format: Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.
Alternate Names: SRC; Proto-oncogene tyrosine-protein kinase Src; pp60c-src; p60-Src; c-Src; SRC1
Accession No.: P12931

Antigen: Purified recombinant fragment of SRC(aa10-193) expressed in E. coli.

Application Notes: WB: 1:500-1:2000;

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.