anti-human MCJ

Monoclonal antibody to human Methylation-controlled J protein 15 (MCJ; DNAJC15; Clone 3C1)

BACKGROUND
MCJ (Methylation-Controlled J protein), also known as DnaJC15, is a distinct member of the DnaJ family of cochaperones that contains a transmembrane domain and has an N-terminal region with no homology to any other known protein. MCJ was initially identified as a gene negatively regulated by methylation at CpG islands (first exon/intron). Methylation of the MCJ gene at the CpG islands has also been reported in Wilm's tumors, malignant brain tumors and melanoma. Studies have shown that MCJ negatively regulates chemotherapeutic drug response in ovarian and breast cancer cells. Loss of MCJ may affect breast cancer progression.

IMMUNOGEN
Balb/C mice immunized with a peptide fragment of the human MCJ protein.

SHIP CONDITIONS
Ship at ambient temperature, refrigerate upon arrival.

STORAGE
Product should be stored at 2-8°C.

STABILITY
Products are stable for one (1) year from purchase when stored properly.

REFERENCES


Product Data Sheet

Catalog #s - B0137R

Ordering Information
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Size - 7 ml, pre-diluted
Form - Protein G-Purified
Host/Clone - Mouse/3C1
Formulation - Phosphate buffered saline with 0.08% sodium azide and protein stabilizer
Concentration - Ready-to-use
Isotype - IgG2a
Application - Immunohistochemistry (Formalin-fixed paraffin sections)

Human breast cancer tissue immunostained with MCJ antibody clone 3C1.