10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

BCAT1 Monoclonal Antibody
Mouse Monoclonal Antibody
Catalog # ABV11770

Specification

BCAT1 Monoclonal Antibody - Product Information

Application	**WB**
Primary Accession	NP_005495
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**Mouse IgG1, k**

BCAT1 Monoclonal Antibody - Additional Information

Positive Control	**Western blot**
Application & Usage	**Western blot 1:1000, ELISA**
Alias Symbol	**BCAT1**

Appearance
Colourless liquid

Formulation
50 µg (1mg/ml) of antibody in PBS, pH 7.4 with 0.02% Sodium Azide, 10% Glycerol

Reconstitution & Storage
-20 °C

Background Descriptions

Precautions
BCAT1 Monoclonal Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

BCAT1 Monoclonal Antibody - Protein Information

BCAT1 Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation

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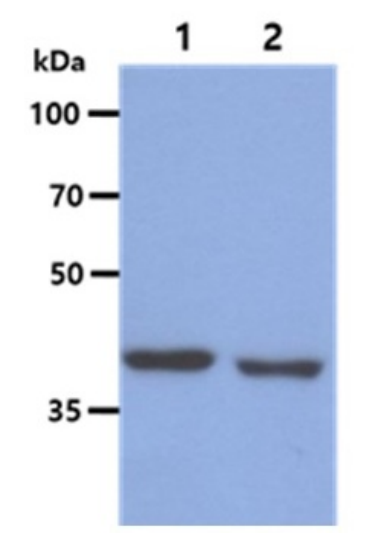
- Flow Cytomety
- Cell Culture

BCAT1 Monoclonal Antibody - Images



Western blot analysis using anti-human BCAT1 antibody. Lane1(Jurkat cell lysate);Lane2(Hela cell lysate)

BCAT1 Monoclonal Antibody - Background

BCAT1, also known as branched chain amino-acid transaminase (cytosolic form), catalyzes the reversible transamination of branched-chain alpha-keto acids to branched-chain L-amino acids essential for cell growth. Two different clinical disorders have been attributed to a defect of branched-chain amino acid transamination: hypervalinemia and hyperleucine-isoleucinemia. BCAT1 is expressed in the brain and kidney. Overexpressed in MYC-induced tumors such as Burkitts lymphoma.