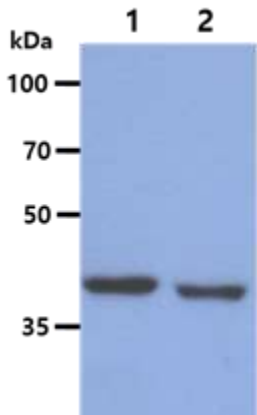


BCAT1 Monoclonal Antibody

CATALOG NO:	A1060-50
AMOUNT:	50 µl (1 mg/ml)
IMMUNOGEN:	<i>E. coli</i> expressed recombinant human BCAT1 (1-386aa).
HOST/ISOTYPE:	Mouse IgG1 heavy chain and k light chain
SPECIES REACTIVITY:	Human
PURIFICATION:	Affinity purified using protein A
FORM:	Liquid
FORMULATION:	In Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% Glycerol
STORAGE CONDITIONS:	Store at 4°C. For long term storage, aliquot and freeze at -20°C. Avoid repeated freeze/thaw cycles.
DESCRIPTION:	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 Burkitt's lymphoma.
APPLICATION:	Western blot 1:1000; ELISA

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Western blot analysis using anti-human BCAT1 antibody

Lane 1. : Jurkat cell lysate

Lane 2. : HeLa cell lysate

RELATED PRODUCTS

Apoptosis Detection Kits & Reagents

- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

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- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

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- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- β-Galactosidase Staining Kit & Luciferase Reporter Assay Kit

Growth Factors and Cytokines

Monoclonal and Polyclonal Antibodies

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