
Product Name: BCAT2 Mouse Monoclonal Antibody**Catalog #: AMM81862**

For research use only.

Summary

| | |
|----------------------|---|
| Description | Mouse monoclonal Antibody |
| Host | Mouse |
| Application | ELISA,FC |
| Reactivity | Human |
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | Mouse IgG1 |
| Clonality | Monoclonal |
| Form | Liquid |
| Concentration | 1mg/ml |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | Purified antibody in PBS with 0.05% sodium azide |
| Purification | Affinity Purification |

Application

| | |
|-------------------------|-------------------------------------|
| Dilution Ratio | ELISA 1:5000-1:20000,FC 1:200-1:400 |
| Molecular Weight | 44.3kDa |

Antigen Information

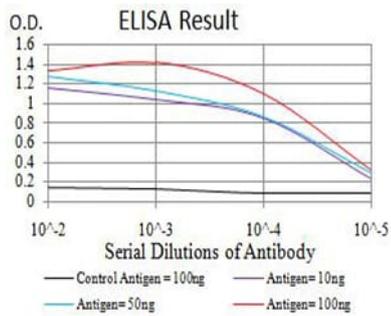
| | |
|--------------------------|--|
| Gene Name | BCAT2 |
| Alternative Names | BCAM; BCT2; PP18; BCATM |
| Gene ID | 587.0 |
| SwissProt ID | O15382 |
| Immunogen | Purified recombinant fragment of human BCAT2 (AA: 259-393) expressed in E. Coli. |

Background

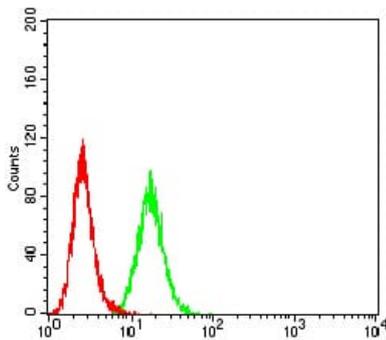
This gene encodes a branched chain aminotransferase found in mitochondria. The encoded protein forms a dimer that catalyzes the first step in the production of the branched chain amino acids leucine, isoleucine, and valine. Multiple transcript variants encoding different isoforms have been found for this gene.

Research Area

Image Data



Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Flow cytometric analysis of HeLa cells using BCAT2 mouse mAb (green) and negative control (red).