

Mouse Monoclonal Antibody to BCAT2

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| Catalogue Number | sAP-1543 |
| Target Molecule | <p>Name: BCAT2</p> <p>Aliases: BCAM; BCT2; PP18; BCATM</p> <p>MW: 44.3kDa</p> <p>Entrez Gene ID: 587</p> |
| Description | 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. |
| Immunogen | Purified recombinant fragment of human BCAT2 (AA: 259-393) expressed in E. Coli. |
| Reactive Species | Human; |
| Clone | MM7G3A11 |
| Size and Concentration | 100µg/1mg/ml |
| Supplied as | Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide |
| Reconstitution/Storages | Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage |
| Applications | ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: N to A; FCM: 1 to 200 - 1 to 400; IHC: N to A |
| Shipping | Regular FEDEX overnight shipment (ambient temperature) |
| Reference | 1.J Neurochem. 2012 Dec;123(6):997-1009.2.Biochemistry. 2009 Jan 27;48(3):645-56. |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**