

Mouse Monoclonal Antibody to BCAT2

Catalogue Number sAP-1543

Target Molecule **Name:** BCAT2

Aliases: BCAM; BCT2; PP18; BCATM

MW: 44.3kDa

Entrez Gene ID: 587

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 H2O, 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**