
Butyrylcholinesterase (3E8) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250282

Unit: 0.2 mg

Description:

Butyrylcholinesterase (BtChE, EC 3.1.1.8.) is synthesized in the liver, and is predominantly found in serum, liver and pancreas. Butyrylcholinesterase is a tetrameric glycoprotein (molecular mass of 350 kDa), and consists of four subunits, each with molecular mass of 90 kDa. This antibody is specific for butyrylcholinesterase from human serum or plasma. Crossreactivity to BtChE from other species has not been tested.

Isotype: Mouse IgG1/k

Applications: E

Species Reactivity: H

Format: Each vial contains 0.2 mg IgG in 0.2 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-A/G affinity chromatography.

Alternate Names: Acylcholine acylhydrolase; Choline esterase II; Cholinesterase; Butyrylcholine esterase; Pseudocholinesterase; Butyrylcholinesterase; BCHE; CHE1

Accession No.: P06276

Antigen: Butyrylcholinesterase isolated from human plasma

Application Notes: Product Cat. No. 250282 reacts with BtChE from normal serum when tested in sandwich ELISA using a polyclonal antibody against BtChE as capture antibody, and in crossed immunoelectrophoresis followed by incubation of the gel with Product Cat. No. 250282. Serum ChE activity has been measured by enzyme antigen immunoassay (EAIA) in combination with a polyclonal antibody against ChE and Product Cat. No. 250282. No reaction is seen in immunoblot with neither the reduced nor the nonreduced form of BtChE. No reaction is seen with acetylcholinesterase from human nervous tissue and erythrocytes. E: 1:8,000

Storage: Store at 4°C. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.