
**Acetylcholinesterase Bovine (2E7)
Antibody****Subcategory:** Mouse Monoclonal Antibody**Cat. No.:** 250339**Unit:** 0.2 mg**Description:**

Acetylcholinesterase (AChE) is an enzyme located in the postsynaptic membrane and in the muscle endplates, where it hydrolyses the neurotransmitter acetylcholin. AChE from brain is a tetramer (G4-AChE) with a molecular mass of 320 kDa, AChE from erythrocytes is a dimer (G2-AChE) with a molecular mass of 170 kDa. This antibody is specific for native, heat denatured and SDS combined to heat denatured AChE.

Isotype: Mouse IgG1/k**Applications:** E, WB**Species Reactivity:** B, 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:** AChE**Accession No.:** P23795**Antigen:** Bovine G4-acetylcholinesterase, purified and detergent solubilized.**Application Notes:** Product Cat. No. 250339 reacts with AChE from bovine and human brain or erythrocytes. No cross-reactivity with BtChE from human serum, AChE from flounder body muscle or *Torpedo marmorata*. E: 1:4,000; WB: 1:500**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.