Mouse anti-Human Acetylcholinesterase (AchE) Monoclonal Antibody | anti-AchE antibody

Monoclonal Antibody to Acetylcholinesterase (AchE)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA134819	**Mouse**	**Human**	**Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry**

PRODUCT SYNONYMS

Acetylcholinesterase (AchE); Monoclonal Antibody; Monoclonal Antibody to Acetylcholinesterase (AchE); anti-AchE antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Clone Number	C1
Specificity	The antibody is a mouse monoclonal antibody raised against AchE. It has been selected for its ability to recognize AchE in immunohistochemical staining andwestern blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% NaN3,50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence	Ant igen:Thetarge tproteinis fusedwithN -terminalH is-Tagandi tssequence islistedbe low. MG HHHHHHSGSE F-FSKDNESL ISRAEFLAGV RVGVPQVSDL AAEAVVLHYT DWLHPEDPAR LREALSDVVG DHNVVCPVAQ LAGRLAAQGA RVYAYVFEHR ASTLSWPLWM GVPHGYEIEF IFGIPLDPSR NYTAEEKIFA QRLMRYWANF ARTGDPNEPR DPKAPQ
Sequence Length	72
Applicable Applications for anti-AchE antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant AchE (Phe377~Thr574) expressed in E.coli.
Cross Reactivity	Human
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
DAB staining on IHC-P; Samples: Human Skeletal muscle Tissue



WB (Western Blot)
WB Image

NCBI AND UNIPROT INFORMATION

NCBI GI #	545225

NCBI GeneID	43
UniProt Accession #	P22303; Q16169; Q29S23; Q2M324; Q504V3; Q53F46; Q86TM9; Q86YX9; Q9BXP7; A4D2E2; B7ZKZ0; D6W5X7
Molecular Weight	67,796 Da
NCBI Official Full Name	acetylcholinesterase
NCBI Official Synonym Full Names	acetylcholinesterase (Yt blood group)
NCBI Official Symbol	ACHE
NCBI Official Synonym Symbols	YT; ACEE; ARACHE; N-ACHE
NCBI Protein Information	acetylcholinesterase; Yt blood group; apoptosis-related acetylcholinesterase
UniProt Protein Name	Acetylcholinesterase
UniProt Gene Name	**ACHE**
UniProt Synonym Gene Names	AChE
UniProt Entry Name	ACES_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/acetylcholinesterase-ache-antibody-clone-c1-western-blot-immunohistochemistry-immunocytochemistry-elisa/134819