

Monoclonal Antibody to Human Apolipoprotein E

Alternate names:	ApoE
Catalog No.:	SM1915P
Quantity:	0.1 mg
Concentration:	1 mg/ml
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	SM10P (for use in human samples), AM03095PU-N
Clone:	D6E10
Immunogen:	Synthetic peptide spanning the polymorphic aa position 158 of human Apolipoprotein E.
Applications:	Immunohistochemistry on frozen and paraffin embedded sections: 1/100 - 1/10000. This product does not require protein digestion pre-treatment or antigen retrieval using heat treatment prior to staining of paraffin sections. Western Blot: 1/100 - 1/1000. Other applications not tested. Optimal dilutions of this antibody are dependent on conditions and should be determined by the user. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody is specific for human Apolipoprotein E. It will recognise the E2, E3 and E4 isoforms of Apolipoprotein E. Apolipoprotein E is the principle apolipoprotein in the central nervous system and has been reported to be implicated in Alzheimer's disease.
Storage:	Store the antibody at 4-8°C for one month or at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: on