

Product datasheet for **AM20835PU-N**

ABCA1 (1800-2260) Mouse Monoclonal Antibody [Clone ID: AB1.G6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	AB1.G6
Applications:	ELISA, IHC, IP, WB
Recommended Dilution:	ELISA: 3-6 µg/ml. Western Blot: 1/1000-1/2000. Immunoprecipitation. Immunohistochemistry on Paraffin Sections.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Peptides amino acids 1800-2260
Specificity:	This antibody recognizes ABCA1 (1800-2260).
Formulation:	PBS, pH 7.4 with 0.05% Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	ATP binding cassette subfamily A member 1
Database Link:	Entrez Gene 19 Human O95477



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Background:	Mutations in the ABCA1 gene (ATP-binding cassette transporter 1) are associated with Tangier disease (TD). TD is an autosomal recessive disorder results from an absence of plasma HDL, cholesterol ester depositing in the reticulo-endothelial system and disorders in cellular lipid trafficking. It is expressed on the plasma membrane and the Golgi complex, and is regulated by cholesterol flux. Regulation of the cholesterol flux between HDL and macrophages is competitive between ABCA1 and SR-BI.
Synonyms:	ABC1, ABC-1, CERP
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	ABC transporters