

Product datasheet for **TA420132**

Abca1 Rat Monoclonal Antibody [Clone ID: 5A1-1422]

Product data:

Product Type:	Primary Antibodies
Clone Name:	5A1-1422
Applications:	FC, IF
Host:	Rat
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	ABCA1 transfected HeLa cells.
Specificity:	ABCA1
Formulation:	Phosphate buffered saline containing 0.09% Sodium Azide (NaN ₃) Label: ALEXA FLUOR® 488, ALEXA FLUOR® 647, FITC, Purified, RPE State: Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant Purified IgG - liquid
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	+4°C, -20°C if preferred
Stability:	Shelf life: one year from despatch.
Gene Name:	ATP-binding cassette, sub-family A (ABC1), member 1
Database Link:	P41233
Background:	Rat anti Mouse ABCA1 antibody, clone 5A1.1422 recognizes murine adenosine triphosphate (ATP) Binding cassette transporter 1 (ABCA1). The ABC transporters are a large family of conserved proteins that transport a wide variety of molecules across cellular membranes. ABCA1 is a member of the ABC-A sub-family, which acts as a lipid translocator. The molecule was originally identified as a scavenger receptor on macrophages and research shows that ABCA1 also plays a major role in cholesterol metabolism. ABCA1 may play an important role in protecting against cardiovascular disease. Mutations in ABCA1 gene have been associated with Tangier disease, a genetic disorder of lipid metabolism, and the more common Familial HDL deficiency, presenting with many of the same symptoms.
Synonyms:	ABC-1; ABC1; CERP; FLJ14958; HDLDT1; membrane-bound; MGC164864; MGC165011; TGD



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