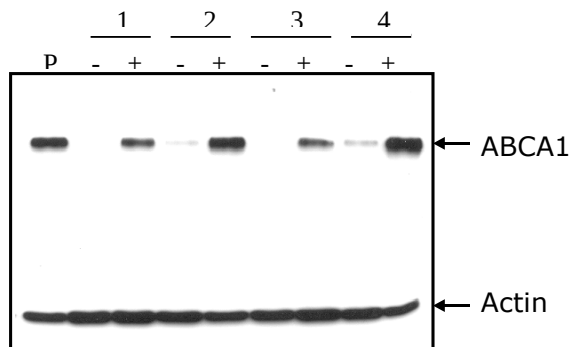


MOUSE ANTI-ABCA1 MONOCLONAL ANTIBODY

CATALOG NUMBER:	MAB10005	QUANTITY:	100µg
LOT NUMBER:		CONCENTRATION:	1 mg/mL
CLONE NAME:	AB.H10	HOST/ISOTYPE:	Mouse IgG1
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.		
IMMUNOGEN:	Peptides amino acids 1800-2260		
APPLICATIONS:	Western blot, ELISA, IP, and IHC in lipid metabolic research. Western blot analysis of ABCA1 induction by cholesterol (+) in human fibroblast cells from different patients (1,2,3,4). Simultaneous blotting with anti-actin antibody was used for protein loading control. Optimal working dilutions must be determined by end user.		



SPECIES REACTIVITY:	Recognize specifically ABCA1 from human, mouse, and chicken.
PRESENTATION:	PBS, pH 7.4 with 0.05% sodium azide. Frozen liquid.
STORAGE/HANDLING:	Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Important Note: During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.

FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION

Unless otherwise stated in our catalog or other company documentation accompanying the product(s), our products are intended for research use only and are not to be used for any other purpose, which includes but is not limited to, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses or any type of consumption or application to humans or animals.

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