Advanced Targeting Systems

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Antibody to ATP Binding Cassette A1 Protein (ABCA1)

MOUSE MONOCLONAL

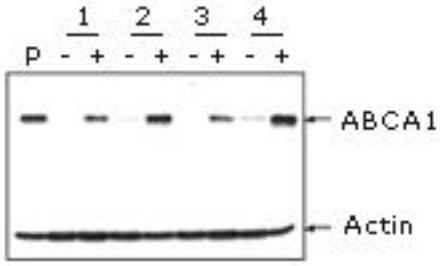
Catalog Number: AB-208
Quantity: 100 micrograms
Format: PBS, pH 7.4 with 0.05% sodium azide. Frozen liquid.
Host: Mouse
Isotype: IgG1
Clone: AB1.G6
Immunogen: peptide amino acids 1800-2260

Specificity & Preparation: Recognizes ABC A1 protein in human and mouse. The concentration is 1 mg/ml.

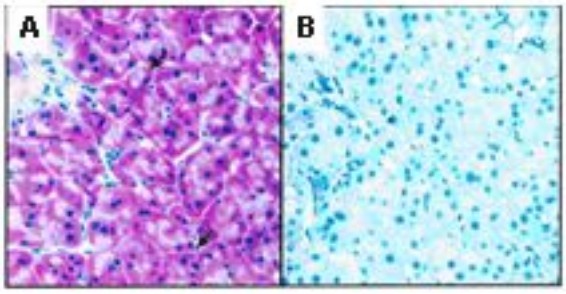
Usage: Reported to be effective for ELISA (3-6 μg/ml), immunoblotting (western blot, 1:1,000-1:2,000), immunoprecipitation, and immunohistochemistry. Working concentration depends on end user's protocol.

Storage: Store the antibody at 4°C for three months or -20°C in undiluted aliquots for up to one year. Avoid repeated freezing and thawing. Gently spin down material 5-10 seconds in a microfuge before use.

To view protocol(s) for this and other products please visit: www.ATSbio.com/library/protocols



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.



Immunoreactivity of ABCA1 in adipose and pancreas tissue for ABCA1 protein. A) Strong immunopositivity of exocrine glandular cells of the pancreas, especially in the basal region (arrows). Interstitial microvascular cells are apparently negative. Cells within the islet were weakly positive (data not shown). B) The negative control for panel A. Original magnification: 330; hematoxylin counterstain.

For research use only, not for use as a diagnostic.