



Anti-ABCA1 monoclonal antibody, clone IK2 (DCABH-6149)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to ABCA1 - BSA and Azide free
Antigen Description	cAMP-dependent and sulfonyleurea-sensitive anion transporter. Key gatekeeper influencing intracellular cholesterol transport.
Immunogen	Recombinant fragment corresponding to ABCA1.
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Mouse, Rat, Human
Clone	IK2
Purity	Protein G purified
Conjugate	Unconjugated
Applications	Flow Cyt, IHC-P, WB
Positive Control	In Western Blot, this antibody gave a positive signal in the following lysates: Rat Brain Tissue; Mouse Brain Tissue; Rat Liver Tissue; Mouse Liver Tissue; HepG2 Whole Cell. In IHC, this antibody gave a positive result in Human Liver FFPE Tissue.
Format	Liquid
Size	100 µg
Buffer	pH: 7.4; Constituent: PBS
Preservative	None
Storage	Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	ABCA1 ATP-binding cassette, sub-family A (ABC1), member 1 [Homo sapiens]
Official Symbol	ABCA1
Synonyms	ABCA1; ATP-binding cassette, sub-family A (ABC1), member 1; ABC1, HDLDT1; ATP-binding cassette sub-family A member 1; Tangier disease; TGD; membrane-bound; ATP-binding cassette transporter 1; ATP-binding cassette transporter A1; cholesterol efflux regulat
Entrez Gene ID	19
Protein Refseq	NP_005493
UniProt ID	B2RUJ2
Chromosome Location	9q31
Pathway	ABC transporters, organism-specific biosystem; ABC transporters, conserved biosystem; Fat digestion and absorption, organism-specific biosystem; Fat digestion and absorption, conserved biosystem; Fatty acid, triacylglycerol, and ketone body metabolism, organism-specific biosystem; Folate Metabolism, organism-specific biosystem; HDL-mediated lipid transport, organism-specific biosystem;
Function	ATP binding; ATPase activity; anion transmembrane transporter activity; apolipoprotein A-I binding; apolipoprotein A-I receptor activity; apolipoprotein binding; cholesterol binding; cholesterol transporter activity; nucleotide binding; phospholipid bindi