antibodies - online.com







anti-MGAT2 antibody (C-Term)

Images



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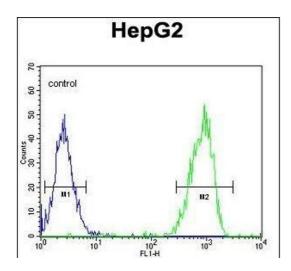
Overview	
Quantity:	400 μL
Target:	MGAT2
Binding Specificity:	AA 409-439, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MGAT2 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)
Product Details	
Immunogen:	This MGAT2 antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 409-439 amino acids from the C-terminal region of human MGAT2.
Clone:	RB4845
Isotype:	Ig Fraction
Predicted Reactivity:	M, Pig, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	MGAT2
Alternative Name:	MGAT2 (MGAT2 Products)

Target Details

Expiry Date:

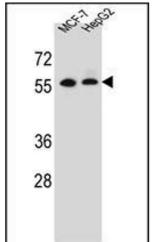
6 months

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Background:	MGAT2 (UDP-N-acetylglucosamine:alpha-6-D-mannoside-beta-1, 2-N-acetylglucosaminyltransferase II) is a Golgi enzyme catalyzing an essential step in the conversion of oligomannose to complex N-glycans. The enzyme has the typical glycosyltransferase domains: a short N-terminal cytoplasmic domain, a hydrophobic non-cleavable signal-anchor domain, and a C-terminal catalytic domain. Mutations in MGAT2 may lead to carbohydrate-deficient glycoprotein syndrome, type II.
Molecular Weight:	51550
Gene ID:	4247
NCBI Accession:	NP_002399
UniProt:	Q10469
Application Details	
Application Notes:	WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in smal aliquots to prevent freeze-thaw cycles.



Flow Cytometry

Image 1. MGAT2 Antibody (C-term) (ABIN389038 and ABIN2839252) flow cytometric analysis of HepG2 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. MGAT2 Antibody (ABIN389038 and ABIN2839252) western blot analysis in MCF-7?HepG2 cell line lysates (35 μ g/lane).This demonstrates the MGAT2 antibody detected the MGAT2 protein (arrow).