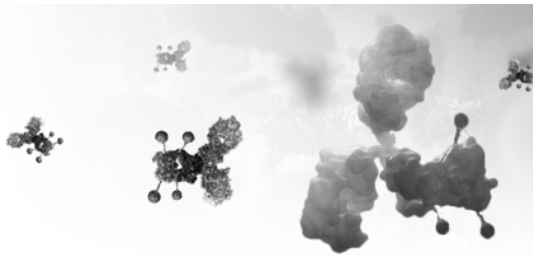

Human MGLL blocking peptide (CDBP1893)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Monoglyceride Lipase antibody
Antigen Description	This gene encodes a serine hydrolase of the AB hydrolase superfamily that catalyzes the conversion of monoacylglycerides to free fatty acids and glycerol. The encoded protein plays a critical role in several physiological processes including pain and nociperception through hydrolysis of the endocannabinoid 2-arachidonoylglycerol. Expression of this gene may play a role in cancer tumorigenesis and metastasis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Feb 2012]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	MGLL monoglyceride lipase [Homo sapiens (human)]
Official Symbol	MGLL
Synonyms	MGLL; monoglyceride lipase; MGL; HUK5; MAGL; HU-K5; monoacylglycerol lipase; lysophospholipase homolog;

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Entrez Gene ID	11343
mRNA Refseq	NM_001003794.2
Protein Refseq	NP_001003794.1
UniProt ID	Q99685
Chromosome Location	3q21.3
Pathway	Acyl chain remodeling of DAG and TAG, organism-specific biosystem; Acylglycerol degradation, organism-specific biosystem; Acylglycerol degradation, conserved biosystem; Arachidonate production from DAG, organism-specific biosystem; Effects of PIP2 hydrolysis, organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; Gastrin-CREB signalling pathway via PKC and MAPK, organism-specific biosystem; Glycerolipid met
Function	acylglycerol lipase activity; acylglycerol lipase activity; lipid binding; lysophospholipase activity; protein homodimerization activity;

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