Anti-MGLL antibody

Cat. No.	ml261919
Package	25 μl/100 μl/200 μl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-MGLL rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Synthetic peptide of human MGLL
Reactivity	Human
Content	0.8 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	MGLL
Full name	monoglyceride lipase
Synonyms	MGL; HUK5; MAGL; HU-K5
Swissprot	Q99685

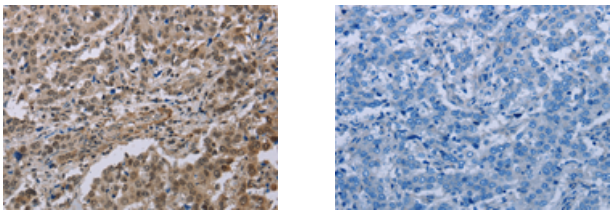
Target Background

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.

Applications

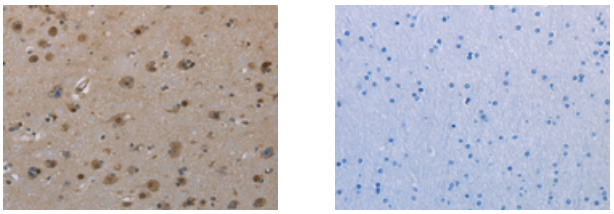
Immunohistochemistry

Predicted cell location: Cytoplasm and Nucleus
Positive control: Human liver cancer
Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml261919(MGLL Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: ×200)

Predicted cell location: Cytoplasm and Nucleus
Positive control: Human brain
Recommended dilution: 50-200



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using ml261919(MGLL Antibody) at dilution 1/40, on the right is treated with synthetic peptide. (Original magnification: ×200)

ELISA

Recommended dilution: 2000-5000