SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Mouse Anti-OGDH antibody

SLM-60569M

Product Name	OGDH
Chinese Name	
Immunogen Species	Mouse
Clonality	Monoclonal
Clone NO.	F8B3
React Species	Human(predicted:Rat)
Applications	WB=1:500-2000,ICC/IF=1:50-200 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Cellular localization	The nucleus The cell membrane
Form	Liquid
Concentration	1mg/ml
Lsotype	IgG2B/kappa
Purification	Affinity purified by Protein G
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4℃. Store at -20 ℃ for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed
Product Detail	2-酮戊二酸脱氢酶复合物（OGDHC）的 2-酮戊二酸脱氢酶（E1）组分，2-酮戊二酸脱氢酶复合物催化 2-酮戊二酸全部转化为琥珀酰辅酶 A 和 CO2。2-酮戊二酸脱氢酶复合物主要活跃在 Mitochondrion 中。部分 2-酮戊二酸脱氢酶复合物也定位在 The nucleus 中，并在 Mitochondrion 中表达组蛋白赖氨酸琥珀酰化所需：与染色质上的 KAT2A 结合，并向组蛋白琥珀酰转移酶 KAT2A 提供琥珀酰辅酶 A。

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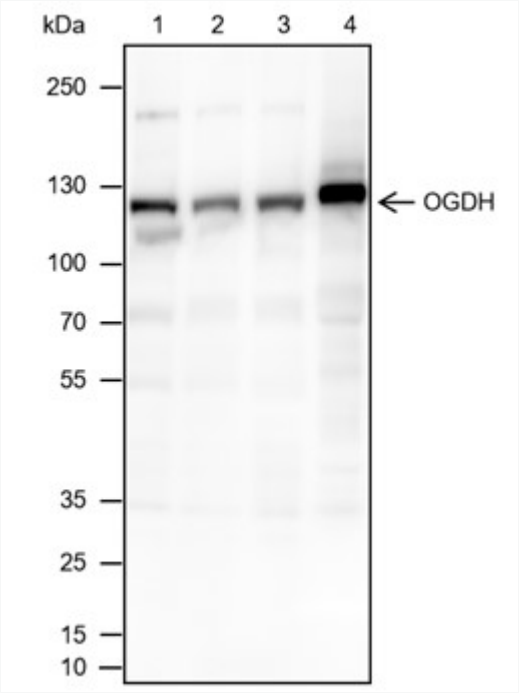
Product Picture



Blocking buffer: 5% NFDM/TBST

Primary ab dilution: 1:1000

Primary ab incubation condition: room temperature 2h

Secondary ab: Goat Anti-Mouse IgG H&L (HRP)

Lysate: 1: Raji, 2: HepG2, 3: MCF-7, 4: Rat heart

Protein loading quantity: 20 μg

Exposure time: 30 s

Predicted MW: 116 kDa

Observed MW: 116 kDa

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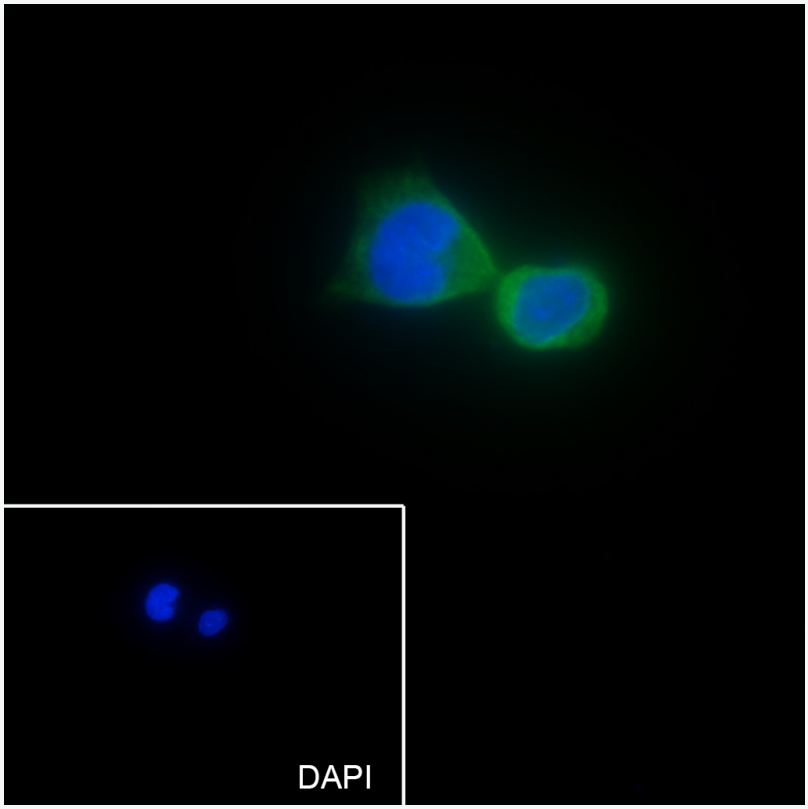

Cell line: HepG2

Fixative: 4% Paraformaldehyde

Permeabilization: 0.1% TritonX-100

Primary ab dilution: 1:50

Primary incubation condition: 4°C overnight

Secondary ab: Goat Anti-Mouse IgG

Nuclear counter stain: DAPI (Blue)

Comment: Color green is the positive signal for SLM-60569M