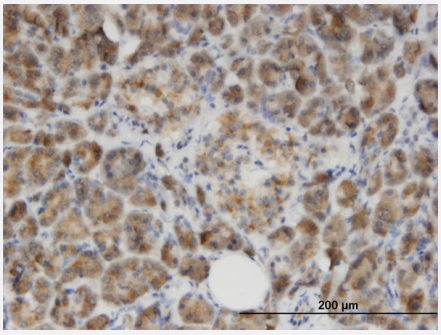
GLYAT monoclonal antibody (M07), clone 1A10

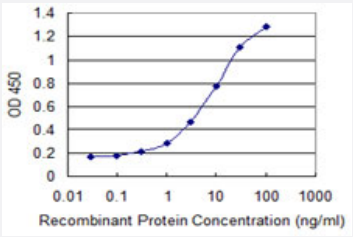
Catalog # H00010249-M07 Size 100 ug

Applications



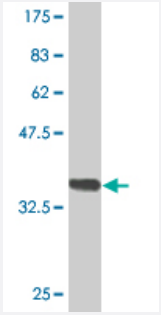
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to GLYAT on formalin-fixed paraffin-embedded human salivary gland. [antibody concentration 3 ug/ml]



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GLYAT is 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant GLYAT.

Immunogen	GLYAT (NP_964011.1, 64 a.a. ~ 163 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	DMTDDLDHYTNTYQIYSKDPQNCQEFLGSPELINWKQHLQIQSSQPSLNEAIQNLAAIKSFKVKQTQRILYMAAETAKELTPFLLKSKILSPSGGKPKAI
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (73); Rat (74)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

  Protocol Download

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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  Protocol Download

- ELISA

Gene Info — GLYAT

Entrez GeneID	10249

GeneBank Accession#	NM_201648
Protein Accession#	NP_964011.1
Gene Name	GLYAT
Gene Alias	ACGNAT, CAT, GAT
Gene Description	glycine-N-acyltransferase
Omim ID	607424
Gene Ontology	Hyperlink
Gene Summary	The glycine-N-acyltransferase protein conjugates glycine with acyl-CoA substrates in the mitochon dria. The protein is thought to be important in the detoxification of endogenous and xenobiotic acy l-CoA's. Two transcript variants encoding different isoforms have been found for this gene. [provid ed by RefSeq
Other Designations	acyl-CoA:glycine N-acyltransferase|aralkyl-CoA N-acyltransferase