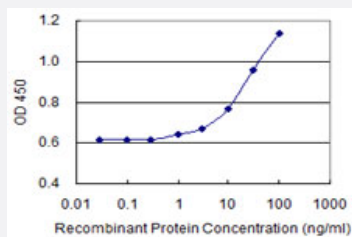


# LENG4 monoclonal antibody (M02), clone 1D4

Catalog # H00079143-M02

Size 100 ug

## Applications



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MBOAT7 is 0.3 ng/ml as a capture antibody.

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a partial recombinant LENG4.
<b>Immunogen</b>	LENG4 (NP_077274.2, 96 a.a. ~ 192 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	TPTPFTNAVQLLLTLKLVSLASEVQDLHLAQRKEMASGFSKGPTLGLLPDVPSLMETLSYSYCYV GIMTGPFPRYRTYLDWLEQPFPGAVPSLRPLL
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (93); Rat (93)
<b>Isotype</b>	IgG2a Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MBOAT7 is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — MBOAT7

Entrez GeneID [79143](#)

GeneBank Accession# [NM\\_024298](#)

Protein Accession# [NP\\_077274.2](#)

Gene Name MBOAT7

Gene Alias BB1, LENG4, LPIAT, hMBOA-7

Gene Description membrane bound O-acyltransferase domain containing 7

Omim ID [606048](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** This gene encodes a member of the membrane-bound O-acyltransferases family of integral membrane proteins that have acyltransferase activity. The encoded protein is a lysophosphatidylinositol acyltransferase that has specificity for arachidonoyl-CoA as an acyl donor. This protein is involved in the reacylation of phospholipids as part of the phospholipid remodeling pathway known as the Land cycle. Alternative splicing results in multiple transcript variants. [provided by RefSeq]

**Other Designations** OTTHUMP00000069334|leukocyte receptor cluster (LRC) member 4|leukocyte receptor cluster (LRC) member 4 protein|lysophosphatidylinositol acyltransferase|malignant cell expression-enhanced gene/tumor progression-enhanced