

ALOX12B monoclonal antibody (M01), clone 3G12

Catalog # H00000242-M01

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant ALOX12B.
Immunogen	ALOX12B (NP_001130, 171 a.a. ~ 261 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	NPNRPEWNGYIPGFPILINFKATKFLNLNLRYSFLKTASFFVRLGPMALAFKVRGLLDCKHWSKRL KDIRKIFPGKKS SVSEYVAEHWAED
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (82); Rat (84)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

Gene Info — ALOX12B

Entrez GeneID	242
GeneBank Accession#	NM_001139

Protein Accession#	NP_001130
Gene Name	ALOX12B
Gene Alias	12R-LOX
Gene Description	arachidonate 12-lipoxygenase, 12R type
Omim ID	242100 603741
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an enzyme involved in the conversion of arachidonic acid to 12R-hydroxyeicosatetraenoic acid. Mutations in this gene are associated with nonbullous congenital ichthyosiform erythroderma. [provided by RefSeq]
Other Designations	epidermis-type lipoxygenase 12

Pathway

- [Arachidonic acid metabolism](#)
- [Metabolic pathways](#)

Disease

- [Birth Weight](#)
- [Brain Ischemia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Coronary Disease](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Ichthyosiform Erythroderma](#)
- [Leukemia](#)

- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Stroke](#)