

Datasheet

ALOX15B monoclonal antibody (M05), clone 4A7

Catalog Number: H00000247-M05

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant ALOX15B.

Clone Name: 4A7

Immunogen: ALOX15B (AAH35217.1, 181 a.a. ~ 280 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

NANFYLQAGSAFAEMKIKGLLDRKGLWRSLNEMKRIF
NFRRTPAAEHAFEHWQEDAFFASQFLNGLNPVLIRRC
HYLPKNFPVTDAMVASVLGPGTSLQA

Host: Mouse

Reactivity: Human

Applications: ELISA, IF, S-ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 247

Gene Symbol: ALOX15B

Gene Alias: 15-LOX-2

Gene Summary: This gene encodes a member of the lipoxygenase family of structurally related nonheme iron dioxygenases involved in the production of fatty acid hydroperoxides. The encoded protein converts

arachidonic acid exclusively to 15S-hydroperoxyeicosatetraenoic acid, while metabolizing linoleic acid less effectively. This gene is located in a cluster of related genes and a pseudogene that spans approximately 100 kilobases on the short arm of chromosome 17. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq]