

Datasheet

ALOX12 monoclonal antibody (M01), clone 2D10

Catalog Number: H00000239-M01

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody
raised against a partial recombinant ALOX12.

Clone Name: 2D10

Immunogen: ALOX12 (NP_000688, 564 a.a. ~ 663 a.a)
partial recombinant protein with GST tag. MW of the
GST tag alone is 26 KDa.

Sequence:

PPPTTKEDVTMATVMGSLPDVRQACLQMAISWHLR
RQPDMPVPLGHHKEKYFSGPKPKAVLNQFRTDLEKLEK
EITARNEQLDWPYEYLPSCIENSVTI

Host: Mouse

Reactivity: Human

Applications: ELISA, 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: 239

Gene Symbol: ALOX12

Gene Alias: 12-LOX, 12S-LOX, LOG12

References:

1. Systematic analysis of rat 12/15-lipoxygenase
enzymes reveals critical role for spinal eLOX3 hepoxilin
synthase activity in inflammatory hyperalgesia. Gregus

AM, Dumlao DS, Wei SC, Norris PC, Catella LC,
Meyerstein FG, Buczynski MW, Steinauer JJ,
Fitzsimmons BL, Yaksh TL, Dennis EA FASEB J. 2013
May;27(5):1939-49. doi: 10.1096/fj.12-217414. Epub
2013 Feb 4.