

Datasheet

ALAS2 monoclonal antibody (M02), clone 4D8

Catalog Number: H00000212-M02

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant ALAS2.

Clone Name: 4D8

Immunogen: ALAS2 (NP_000023, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

MVTAAMLLQCCPV LARGPT SLLGKVVKTHQFLFGIGR
CPILATQGPNC SQIHLKATKAGGDSPSWAKGHCPFML
SELQDGKSKIVQKAAPEVQEDVKAFK

Host: Mouse

Reactivity: Human, Mouse

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: 212

Gene Symbol: ALAS2

Gene Alias: ALAS-E, ALASE, ANH1, ASB, FLJ93603, XLSA

Gene Summary: The product of this gene specifies an erythroid-specific mitochondrially located enzyme. The encoded protein catalyzes the first step in the heme

biosynthetic pathway. Defects in this gene cause X-linked pyridoxine-responsive sideroblastic anemia. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]