

## Datasheet

### FADS3 monoclonal antibody (M07A), clone 3D2

**Catalog Number:** H00003995-M07A

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant FADS3.

**Clone Name:** 3D2

**Immunogen:** FADS3 (NP\_068373, 16 a.a. ~ 113 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

PGAPLPTFCWEQIRAHQPGDKWLVIERRVYDISRWA  
QRHPGGSRLIGHHGAEDATDAFRAFHQDLNFVRKFLQ  
PLLIGELAPEEPSQDGPLNAQLVE

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, WB-Re, WB-Ti

(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:** IgG2b Kappa

**Storage Buffer:** In ascites fluid

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

**Entrez GeneID:** 3995

**Gene Symbol:** FADS3

**Gene Alias:** CYB5RP, LLCDL3

**Gene Summary:** The protein encoded by this gene is a member of the fatty acid desaturase (FADS) gene family. Desaturase enzymes regulate unsaturation of fatty acids through the introduction of double bonds

between defined carbons of the fatty acyl chain. FADS family members are considered fusion products composed of an N-terminal cytochrome b5-like domain and a C-terminal multiple membrane-spanning desaturase portion, both of which are characterized by conserved histidine motifs. This gene is clustered with family members FADS1 and FADS2 at 11q12-q13.1; this cluster is thought to have arisen evolutionarily from gene duplication based on its similar exon/intron organization. [provided by RefSeq]