

Datasheet

GEMIN4 monoclonal antibody (M01), clone 3E1

Catalog Number: H00050628-M01

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant GEMIN4.

Clone Name: 3E1

Immunogen: GEMIN4 (NP_056536, 959 a.a. ~ 1057 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

AAGPWVQGPEQDLTQEALFVYTQVFCHALHIMAMLHP
EVCEPLYVLALETLTCTYETLSKTNPSVSSLLQRAHEQR
FLKSIAEGIGPEERRQTLLQKMSS

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: IgG2b 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: 50628

Gene Symbol: GEMIN4

Gene Alias: DKFZp434B131, DKFZp434D174, HC56, HCAP1, HHRF-1, p97

Gene Summary: The product of this gene is part of a large complex localized to the cytoplasm, nucleoli, and to discrete nuclear bodies called Gemini bodies (gems).

The complex functions in spliceosomal snRNP assembly in the cytoplasm, and regenerates spliceosomes required for pre-mRNA splicing in the nucleus. The encoded protein directly interacts with a DEAD box protein and several spliceosome core proteins. Alternatively spliced transcript variants have been described, but their biological validity has not been determined. [provided by RefSeq]