

Datasheet

ADAM17 monoclonal antibody (M01), clone 1F6

Catalog Number: H00006868-M01

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant ADAM17.

Clone Name: 1F6

Immunogen: ADAM17 (NP_003174, 215 a.a. ~ 314 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

RADPDPMKNTCKLLVVADHRFYRYMGRGEESTTTNY
LIELIDRVDDIYRNTSWDNAGFKGYGQIEQIRILKSPQE
VKPGKEKHYNMAKSYPNEEKDAWDV

Host: Mouse

Reactivity: Human

Applications: ELISA, IHC-P, PLA-Ce, S-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 1x PBS, pH 7.4

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

Entrez GeneID: 6868

Gene Symbol: ADAM17

Gene Alias: CD156b, MGC71942, TACE, cSVP

Gene Summary: This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) family. Members of this family are membrane-anchored

proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biologic processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. The protein encoded by this gene functions as a tumor necrosis factor-alpha converting enzyme; binds mitotic arrest deficient 2 protein; and also plays a prominent role in the activation of the Notch signaling pathway. [provided by RefSeq]

References:

1. Increased expression of ALCAM/CD166 in pancreatic cancer is an independent prognostic marker for poor survival and early tumour relapse. Kahlert C, Weber H, Mogler C, Bergmann F, Schirmacher P, Kenngott HG, Mattern U, Mollberg N, Rahbari NN, Hinz U, Koch M, Aigner M, Weitz J. Br J Cancer. 2009 Aug 4;101(3):457-64. Epub 2009 Jul 14.