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Datasheet

CD3E monoclonal antibody (M01), clone 3H5

Catalog Number: H00000916-M01

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full-length recombinant CD3E.

Clone Name: 3H5

Immunogen: CD3E (AAH49847.1, 23 a.a. ~ 207 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:
DGNEEMGGITQTPYKVSISGTTVILTCPQYPGSEILWQ
RNDKNIGGDEDDKNIGSDEDHLSLKEFSELEQSGYYV
CYPRGSKPEDANFYLYLRARVCENCMEMDVMSVATIV
IVDICITGGLLLLVYYWSKNRKAKAKPVTRGAGAGGRQ
RGQNKERPPPVPNPDYEPIRKGQRDLYSGLNQRRI

Host: Mouse

Reactivity: Human

Applications: 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: 916

Gene Symbol: CD3E

Gene Alias: FLJ18683, T3E, TCRE

Gene Summary: The protein encoded by this gene is the CD3-epsilon polypeptide, which together with CD3-gamma, -delta and -zeta, and the T-cell receptor alpha/beta and gamma/delta heterodimers, forms the T-cell receptor-CD3 complex. This complex plays an important role in coupling antigen recognition to several intracellular signal-transduction pathways. The genes encoding the epsilon, gamma and delta polypeptides are located in the same cluster on chromosome 11. The epsilon polypeptide plays an essential role in T-cell development. Defects in this gene cause immunodeficiency. This gene has also been linked to a susceptibility to type I diabetes in women. [provided by RefSeq]