

Datasheet

CD3 monoclonal antibody, clone Hit3a (FITC)

Catalog Number: MAB12202

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against CD3.

Clone Name: Hit3a

Immunogen: CD3

Host: Mouse

Reactivity: Human

Applications: Flow Cyt

(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

Specificity: The clone HIT3a monoclonal antibody reacts with human CD3e.

Form: Liquid

Conjugation: FITC

Purification: Affinity Chromatography

Isotype: IgG2a, kappa

Recommend Usage: Flow Cytometry

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH7.2 (0.09% Sodium azide, may contain carrier protein/stabilizer).

Storage Instruction: Store in the dark at 4°C. Avoid prolonged exposure to light. Do not freeze.

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]