IHCAb™ CD3, CD3E mouse mAb (BGT295)

Cat #: B-IMW6839

Size: 100 µL

Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.

Background

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.

Product Information

Applications/Dilution: IHC-p 1:100-500, WB 1:200-1000, IF 1:100-500

Isotype/Source: Mouse, Monoclonal/IgG2a, Kappa

Specificity: The antibody can specifically recognize human CD3e protein, and shows no reaction with CD3d or CD3g. In western blotting of Jurkat cell lysate, the antibody can label a 23KDa band corresponding to CD

Subcellular Location: Cell membrane ; Single-pass type I membrane protein

Expression: Membranous

Formulation: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.60% sodium azide

Storage: Store at -15°C to -25°C

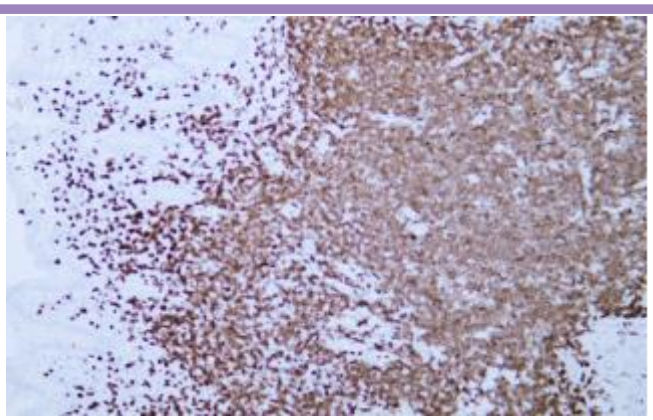

Fig.1. Human appendix tissue was stained with Anti-CD3 Antibody

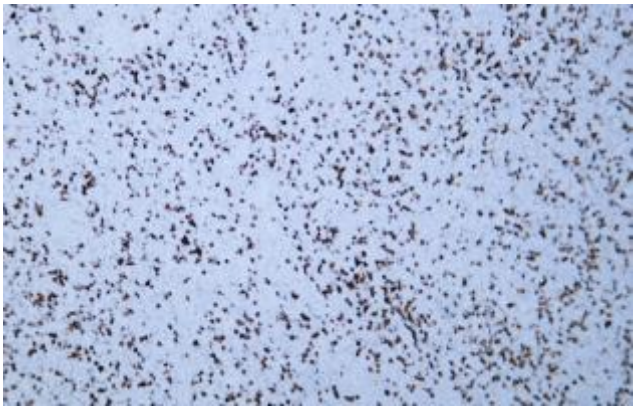

Fig.2. Human spleen tissue was stained with Anti-CD3 Antibody

Note:

The product listed herein is for research use only and is not intended for use in human or clinical diagnosis.