

IHCAb™ CD8 (BGT304) Mouse mAb

Cat #: B-IMW6938

Size: 100 µL

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

Background

The CD8 antigen is a cell surface glycoprotein found on most cytotoxic T lymphocytes that mediates efficient cell-cell interactions within the immune system. The CD8 antigen acts as a coreceptor with the T-cell receptor on the T lymphocyte to recognize antigens displayed by an antigen presenting cell in the context of class I MHC molecules. The coreceptor functions as either a homodimer composed of two alpha chains or as a heterodimer composed of one alpha and one beta chain. Both alpha and beta chains share significant homology to immunoglobulin variable light chains. This gene encodes the CD8 alpha chain. Multiple transcript variants encoding different isoforms have been found for this gene.

Product Information

Applications/Dilution: IHC-p 1:200-400, WB 1:200-1000

Isotype/Source: Monoclonal Mouse IgG2b, Kappa

Specificity: The antibody can specifically recognize human CD8 protein, including two types of dimer: $\alpha\beta$ heterodimer or $\alpha\alpha$ homodimer

Subcellular Location: Membranous

Expression: Tonsil/ Appendix

Formulation: PBS, pH7.2, 0.03% Porcolin 300, containing stabilizing protein

Storage: Store at -15°C to -25°C

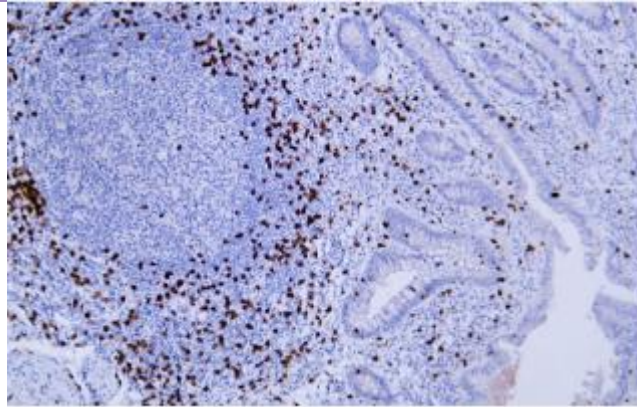


Fig.1. Human appendix tissue was stained with Anti-CD8 Antibody

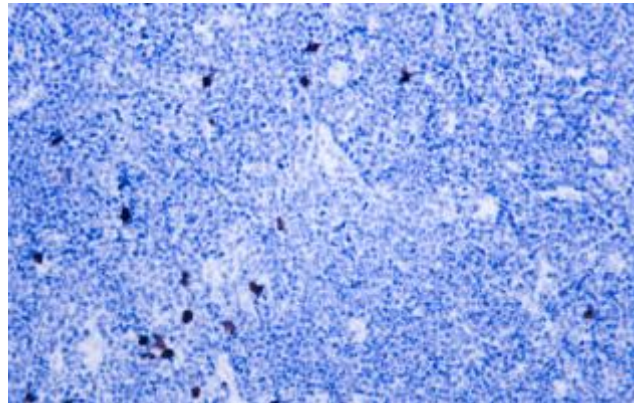


Fig.2. Human Burkitt lymphoma tissue was stained with Anti-CD8 Antibody

Note:

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