

IHCAb™ Cytokeratin 13 (BGT-CK13) mouse mAb

Cat #: B-IMW6163

Size: 100 µL

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

Background

The protein encoded by this gene is a member of the keratin gene family. The keratins are intermediate filament proteins responsible for the structural integrity of epithelial cells and are subdivided into cytokeratins and hair keratins. Most of the type I cytokeratins consist of acidic proteins which are arranged in pairs of heterotypic keratin chains. This type I cytokeratin is paired with keratin 4 and expressed in the suprabasal layers of non-cornified stratified epithelia. Mutations in this gene and keratin 4 have been associated with the autosomal dominant disorder White Sponge Nevus. The type I cytokeratins are clustered in a region of chromosome 17q21.2. Alternative splicing of this gene results in multiple transcript variants; however, not all variants have been described.

Product Information

Applications/Dilution: IHC-p 1:100-500, WB 1:500-2000

Isotype/Source: Mouse, Monoclonal/IgG1, Kappa

Specificity: This antibody detects endogenous levels of human Cytokeratin 13. Heat-induced epitope retrieval (HIER) Citrate buffer of pH6.0 was highly recommended as antigen repair method in paraffin section

Subcellular Location: Cytoplasmic, Membranous

Expression: Expressed in some epidermal sweat gland ducts (at protein level) and in exocervix, esophagus and placenta.

Formulation: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide .

Storage: Store at -15°C to -25°C

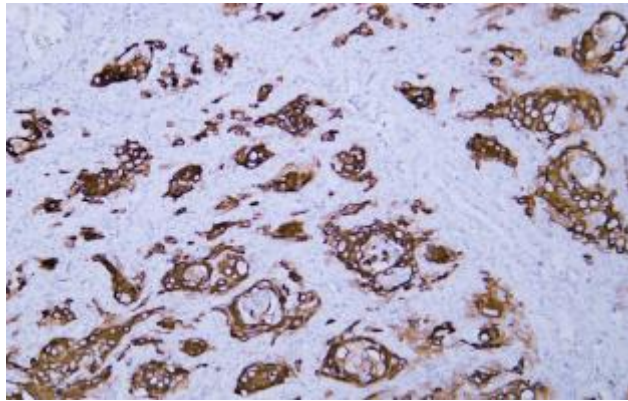


Fig. Human cervical squamous cell carcinoma tissue was stained with Anti-Cytokeratin 13 Antibody.

Note:

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