

## IHCAb™ CK16 mouse mAb (BGT059)

Cat #: B-IMW6861

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 and are clustered in a region of chromosome 17q12-q21. This keratin has been coexpressed with keratin 14 in a number of epithelial tissues, including esophagus, tongue, and hair follicles. Mutations in this gene are associated with type 1 pachyonychia congenita, non-epidermolytic palmoplantar keratoderma and unilateral palmoplantar verrucous nevus.

### Product Information

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

**Isotype/Source:** Mouse, Monoclonal/IgG2b, Kappa

**Specificity:** The antibody can specifically recognize human CK16 protein, and shows no cross reaction with CK1, 5, 6, 7, 8,10, 13, 14, 15, 19, 20

**Subcellular Location:** Tonsil, Cutaneous squamous cell carcinoma

**Expression:** Expressed in the corneal epithelium (at protein level)

**Formulation:** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.72% sodium azide

**Storage:** Store at -15°C to -25°C

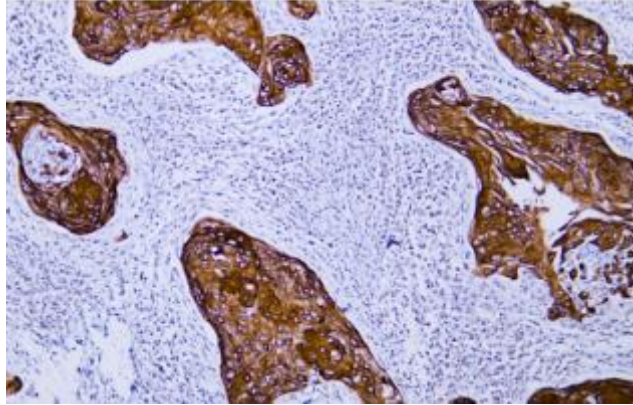


Fig.1. Human cervical squamous cell carcinoma tissue was stained with Anti-Cytokeratin 16 Antibody

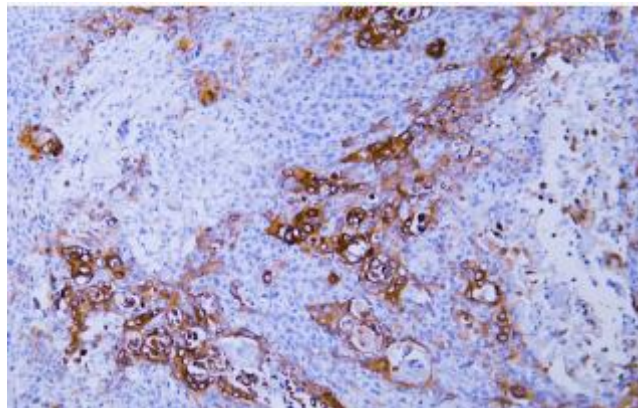


Fig.2. Human esophageal squamous cell carcinoma tissue was stained with Anti-Cytokeratin 16 Antibody

**Note:**

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