

## IHCAb™ Calretinin (BGT-Calret 1) mouse mAb

Cat #: B-IMW6569

Size: 100 µL

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

### Background

This gene encodes an intracellular calcium-binding protein belonging to the troponin C superfamily. Members of this protein family have six EF-hand domains which bind calcium. This protein plays a role in diverse cellular functions, including message targeting and intracellular calcium buffering. It also functions as a modulator of neuronal excitability, and is a diagnostic marker for some human diseases, including Hirschsprung disease and some cancers. Alternative splicing results in multiple transcript variants.

### Product Information

**Applications/Dilution:** IHC-p 1:300-500. IF 1:50-200

**Isotype/Source:** Mouse, Monoclonal/IgG1, Kappa

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

**Subcellular Location:** Cytoplasmic, Nuclear

**Expression:** Brain.

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

**Storage:** Store at -15°C to -25°C

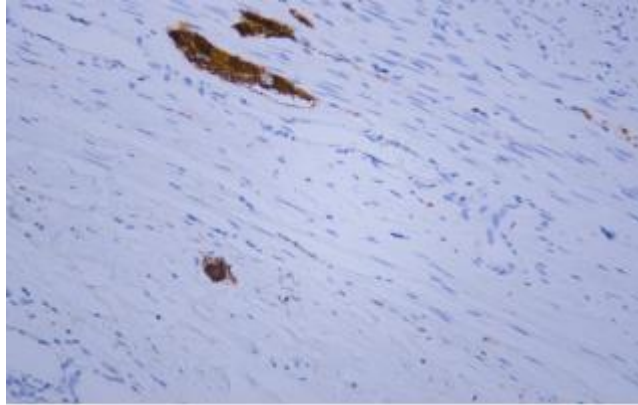


Fig.1. Human appendix tissue was stained with anti-Calretinin antibody

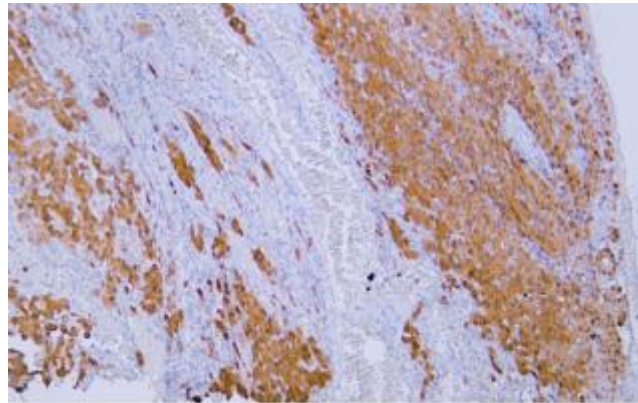


Fig.2. Human mesothelioma tissue was stained with anti-Calretinin antibody

**Note:**

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