

IHCAb™ S100P (BGT375) Mouse mAb

Cat #: B-IMW6980

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 S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21; however, this gene is located at 4p16. This protein, in addition to binding Ca²⁺, also binds Zn²⁺ and Mg²⁺. This protein may play a role in the etiology of prostate cancer.

Product Information

Applications/Dilution: IHC-p 1:200-400

Isotype/Source: Mouse, Monoclonal/IgG1, Kappa

Specificity: The antibody can specifically recognize human S100P protein

Subcellular Location: Nuclear, Cytoplasmic

Expression: Placenta/ Appendix

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

Storage: Store at -15°C to -25°C



Fig. Human pancreatic cancer tissue was stained with Anti-S100P Antibody

Note:

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