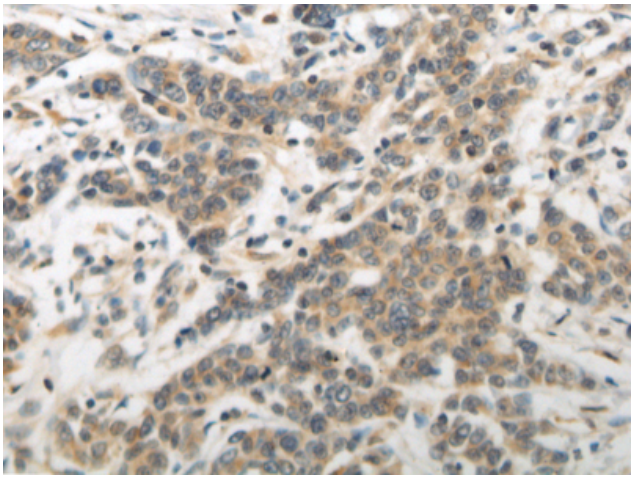
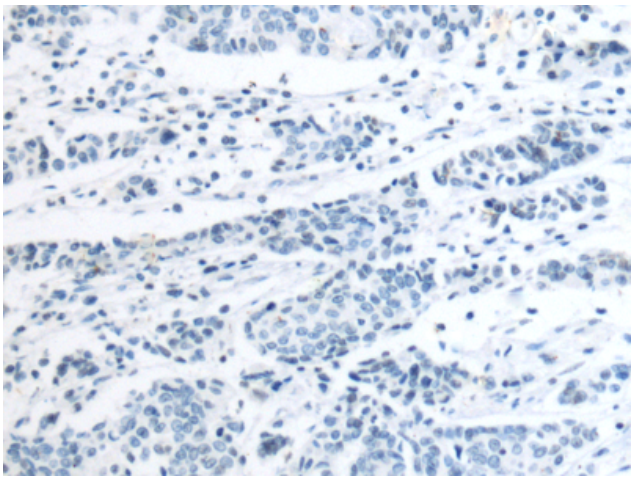
GSDMA RABBIT PAB

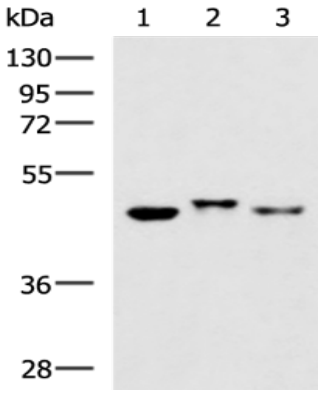
Cat.#: S219464
Product Name: Anti-GSDMA Rabbit Polyclonal Antibody
Synonyms: GSDM; FKSG9; GSDM1
UNIPROT ID: Q96QA5 (Gene Accession - BC109197)
Background: May promote pyroptosis (Probable). Upon cleavage in vitro of genetically engineered GSDMA, the released N-terminal moiety binds to some types of lipids, such as possibly phosphatidylinositol (4,5)-bisphosphate. Homooligomerizes within the membrane and forms pores of 10 -15 nanometers (nm) of inner diameter, triggering cell death. Also binds to bacterial and mitochondrial lipids, including cardiolipin, and exhibits bactericidal activity (PubMed:27281216). The physiological relevance of these observations is unknown (Probable).
Immunogen: Fusion protein of human GSDMA
Applications: ELISA, WB, IHC
Recommended Dilutions: IHC: 150-300;WB: 500-2000;ELISA: 5000-10000
Host Species: Rabbit
Clonality: Rabbit Polyclonal
Isotype: Immunogen-specific rabbit IgG
Purification: Antigen affinity purification
Species Reactivity: Human, Mouse
Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol
Research Areas: Cancer
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human colorectal cancer tissue using 219464(GSDMA Antibody) at a dilution of 1/150(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human colorectal cancer tissue is first treated with the fusion protein and then with 219464(Anti-GSDMA Antibody) at dilution 1/150.



Gel: 8%SDS-PAGE, Lysate: 40 µg;
Lane 1-3: 293T, Hela and LO2 cell lysates;
Primary antibody: 219464(GSDMA Antibody) at dilution 1/800;
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
Exposure time: 1 minute