

Product datasheet for **TA370986S**

GSDMA Rabbit Polyclonal Antibody

Product data:

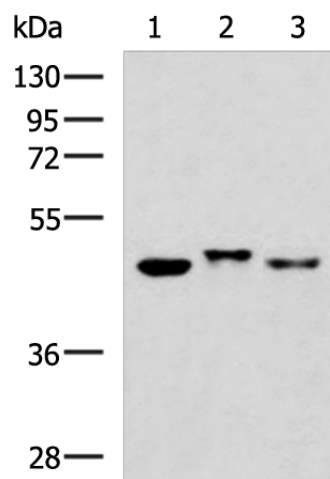
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: 293T, Hela and LO2 cell lysates IHC: 150-300 Positive control: Human colorectal cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human GSDMA
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	49 kDa
Gene Name:	gasdermin A
Database Link:	Entrez Gene 284110 Human Q96QA5
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)-biphosphate. 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).



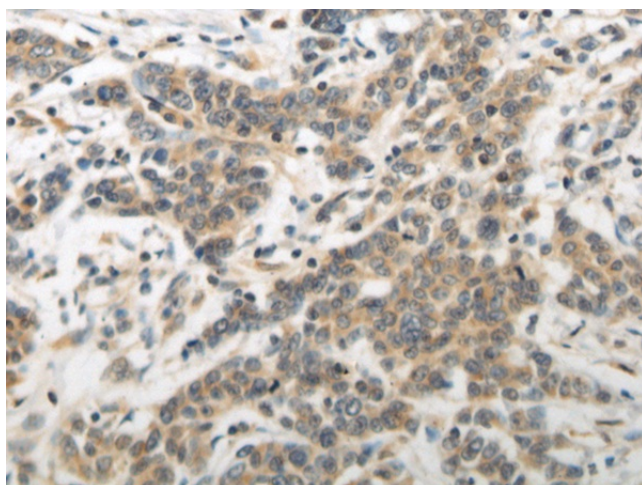
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Synonyms: FKSG9; FLJ39120; gasdermin; Gasdermin-1; GSDM; GSDM1; MGC129596

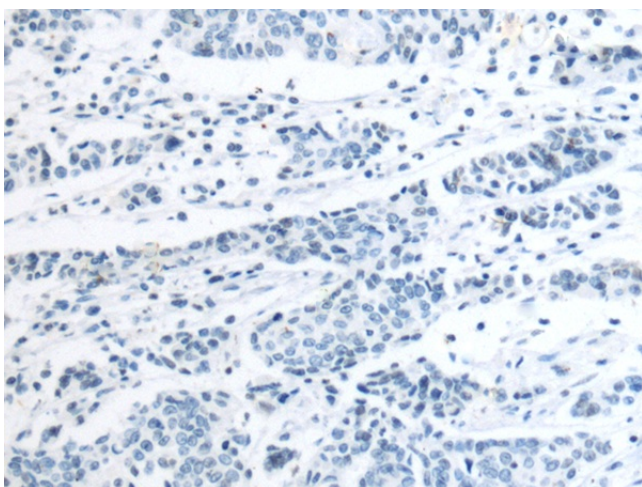
Product images:



Gel: 8%SDS-PAGE
 Lysate: 40 µg
 Lane 1-3: 293T
 HeLa and LO2 cell lysates
 Primary antibody: [TA370986] (GSDMA Antibody) at dilution 1/800
 Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
 Exposure time: 1 minute



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using [TA370986] (GSDMA Antibody) at dilution 1/150 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using [TA370986] (GSDMA Antibody) at dilution 1/150, treated with fusion protein. (Original magnification: ×200)