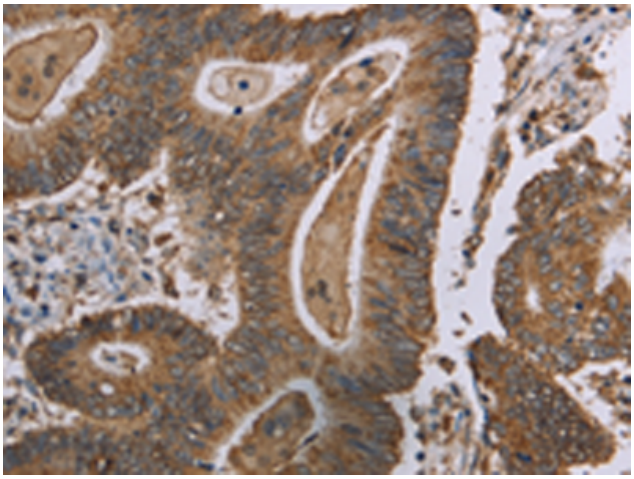
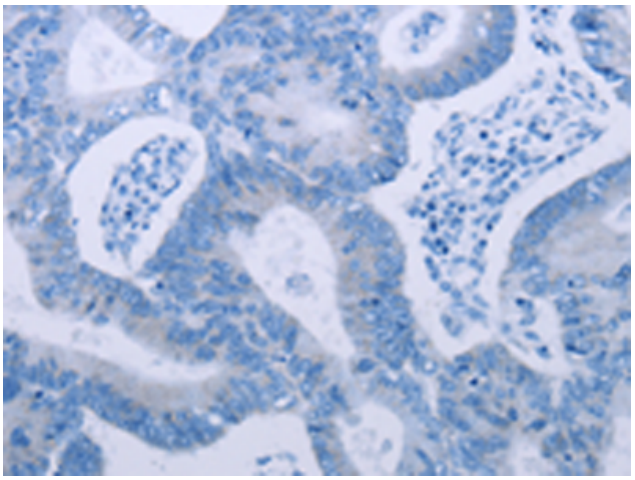
MRGPRX1 RABBIT PAB

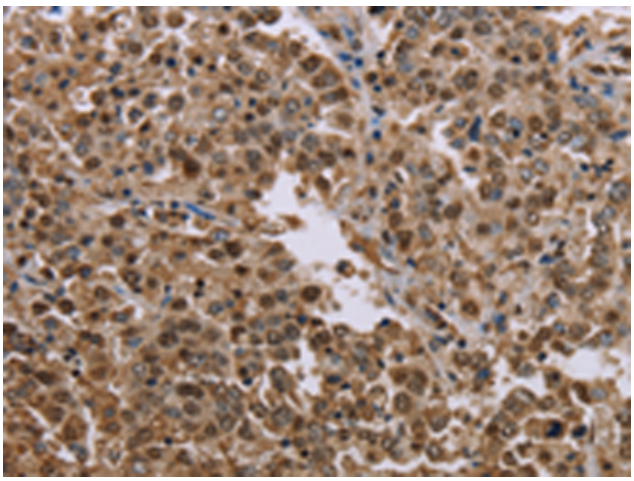
Cat.#: S220722
Product Name: Anti-MRGPRX1 Rabbit Polyclonal Antibody
Synonyms: GPCR; MGRG2; MRGX1; SNSR4
UNIPROT ID: Q96LB2 (Gene Accession - NP_671732)
Background: MRGX1 is an opiod receptor that has been reported exclusively in dorsal root ganglion. MRGX1 is probably involved in the function of nociceptive neurons and may regulate nociceptor function and/or development, including the sensation or modulation of pain. It is potently activated by enkephalins including BAM22 (bovine adrenal medulla peptide 22) and BAM (8-22). BAM22 is the most potent compound and evoked a large and dose-dependent release of intracellular calcium in stably transfected cells.
Immunogen: Synthetic peptide of human MRGPRX1
Applications: ELISA, IHC
Recommended Dilutions: IHC: 50-200; ELISA: 2000-5000
Host Species: Rabbit
Clonality: Rabbit Polyclonal
Isotype: Immunogen-specific rabbit IgG
Purification: Antigen affinity purification
Species Reactivity: Human
Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol
Research Areas: Signal Transduction
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



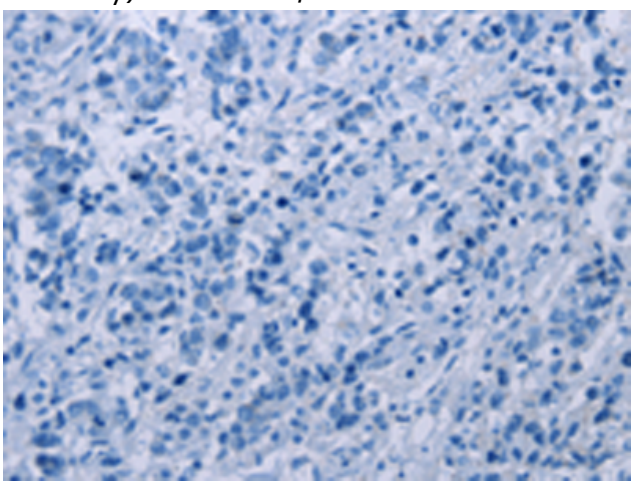
Immunohistochemistry analysis of paraffin embedded Human colon cancer tissue using 220722(MRGPRX1 Antibody) at a dilution of 1/40(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human colon cancer tissue is first treated with the synthetic peptide and then with 220722(Anti-MRGPRX1 Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 220722(Anti-MRGPRX1 Antibody) at a dilution of 1/40.



In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with synthetic peptide and then with D261921(Anti-MRGPRX1 Antibody) at dilution 1/40.