

ABCG2 RABBIT PAB

货号: S213335

产品全名: ABCG2 兔多抗

基因符号 MRX; MXR; ABCP; BCRP; BMDP; MXRI; ABCI5; BCRPI; CD338; GOUT1; MXR-1; CDw338; UAQTL1; EST157481

UNIPROT ID: Q9UNQ0 (Gene Accession - NP_004818)

背景: The membrane-associated protein encoded by this gene is included in the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABCI, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the White subfamily. Alternatively referred to as a breast cancer resistance protein, this protein functions as a xenobiotic transporter which may play a major role in multi-drug resistance. It likely serves as a cellular defense mechanism in response to mitoxantrone and anthracycline exposure. Significant expression of this protein has been observed in the placenta, which may suggest a potential role for this molecule in placenta tissue. Multiple transcript variants encoding different isoforms have been found for this gene.

抗原: Synthetic peptide of human ABCG2

经过测试的应用: ELISA, WB, IHC

推荐稀释比: IHC: 50-100; WB: 200-1000; ELISA: 5000-10000

种属反应性: Rabbit

克隆性: Rabbit Polyclonal

亚型: Immunogen-specific rabbit IgG

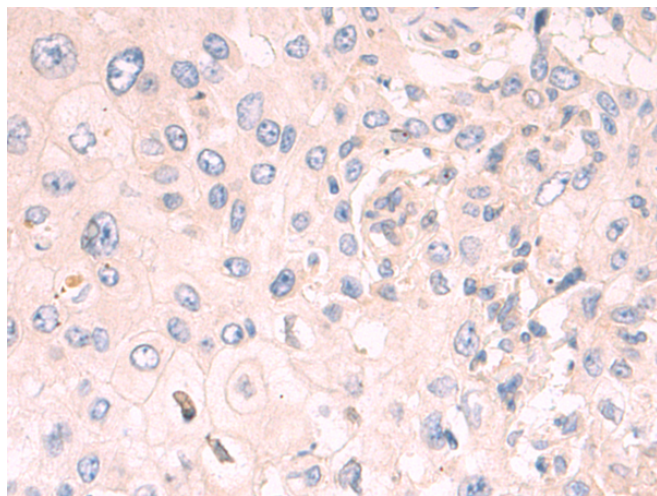
纯化: Antigen affinity purification

种属反应性: Human

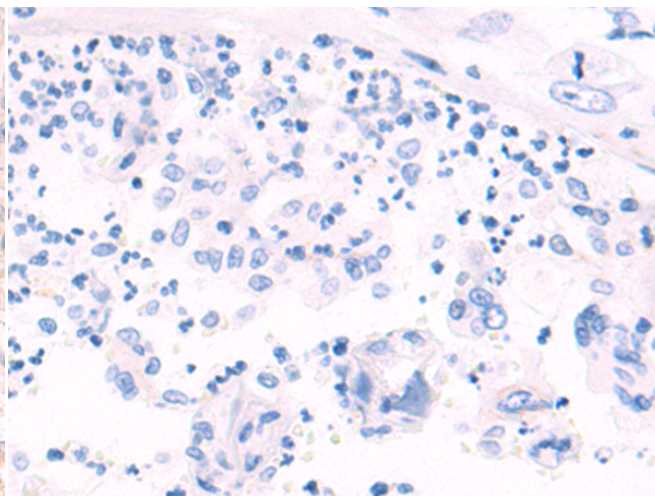
成分: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

研究领域: Metabolism, Cancer, Stem Cells

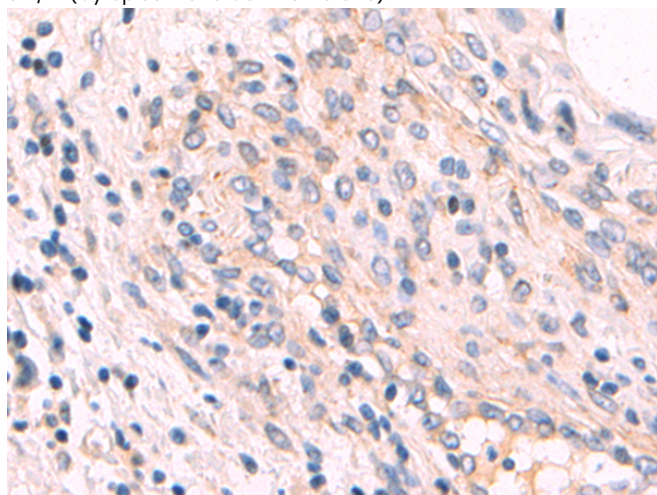
储存和运输: Store at -20°C. Avoid repeated freezing and thawing



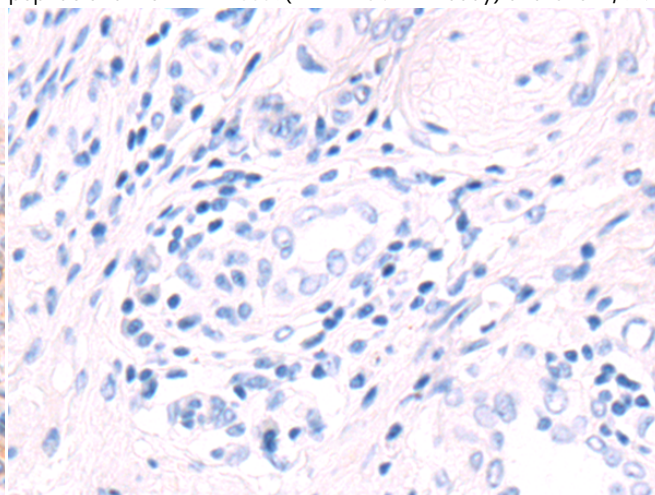
Immunohistochemistry analysis of paraffin embedded Human esophagus cancer tissue using 213335(ABCG2 Antibody) at a dilution of 1/50(Cytoplasm and Cell membrane).



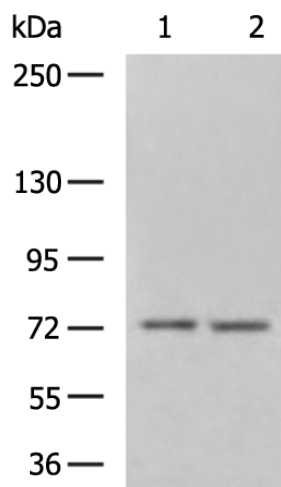
In comparison with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with the synthetic peptide and then with 213335(Anti-ABCG2 Antibody) at dilution 1/50.



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using 213335(Anti-ABCG2 Antibody) at a dilution of 1/50.



In comparison with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with synthetic peptide and then with D160018(Anti-ABCG2 Antibody) at dilution 1/50.



Gel: 6%SDS-PAGE, Lysate: 40 µg;
Lane 1-2: LO2 and 293T cell lysates;
Primary antibody: 213335(ABCG2 Antibody) at dilution 1/300;
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
Exposure time: 5 minutes

