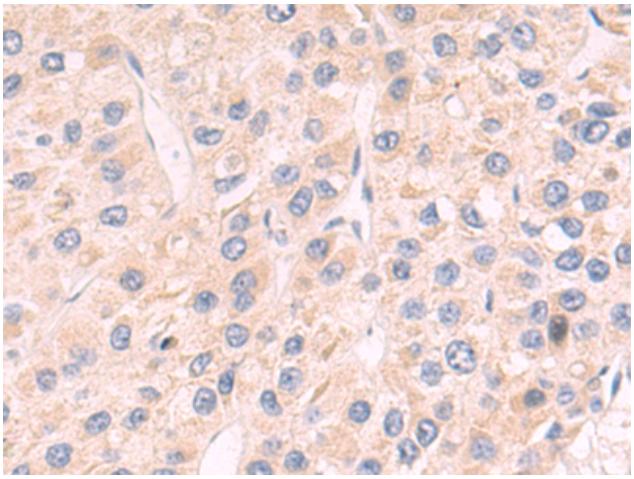
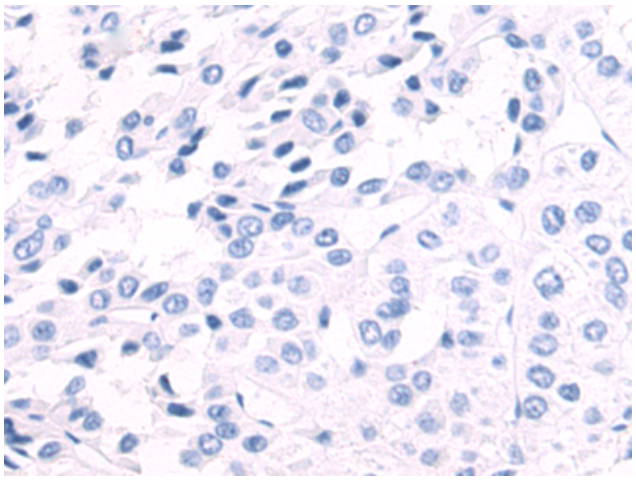
MRPS30 RABBIT PAB

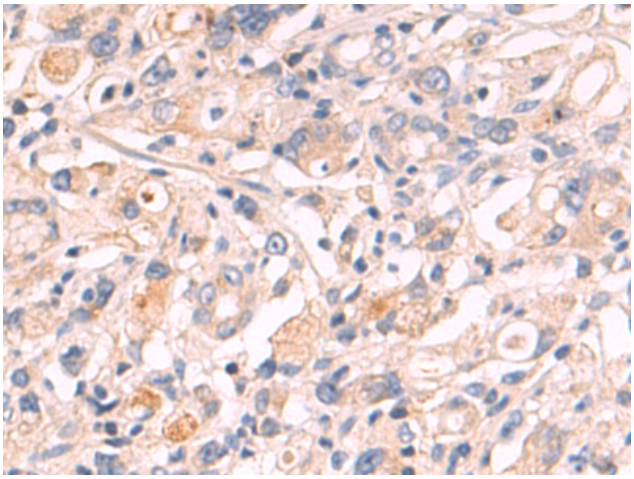
Cat.#: S219390
Product Name: Anti-MRPS30 Rabbit Polyclonal Antibody
Synonyms: PAP; PDCD9; S30mt; MRP-S30
UNIPROT ID: Q9NP92 (Gene Accession - BC007735)
Background: Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein synthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28S subunit and a large 39S subunit. They have an estimated 75% protein to rRNA composition compared to prokaryotic ribosomes, where this ratio is reversed. Another difference between mammalian mitoribosomes and prokaryotic ribosomes is that the latter contain a 5S rRNA. Among different species, the proteins comprising the mitoribosome differ greatly in sequence, and sometimes in biochemical properties, which prevents easy recognition by sequence homology. This gene encodes a 28S subunit protein that is similar to the chicken pro-apoptotic protein p52. Transcript variants using alternative promoters or polyA sites have been mentioned in the literature but the complete description of these sequences is not available.
Immunogen: Fusion protein of human MRPS30
Applications: ELISA, IHC
Recommended Dilutions: IHC: 50-200; 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: Epigenetics and Nuclear Signaling
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



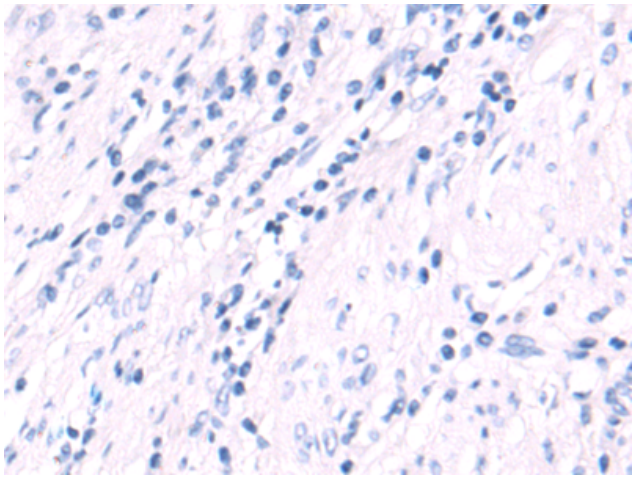
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 219390(MRPS30 Antibody) at a dilution of 1/60(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 219390(Anti-MRPS30 Antibody) at dilution 1/60.



The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using 219390(Anti-MRPS30 Antibody) at a dilution of 1/60.



In comparision with the IHC on the left, the same paraffin-embedded Human gastric cancer tissue is first treated with fusion protein and then with D226654(Anti-MRPS30 Antibody) at dilution 1/60.