TLR4 RABBIT PAB

: S210851
: TLR4
TOLL; CD284; TLR-4; ARMD10
UNIPROT ID: O00206 (Gene Accession - BC117422)

: The protein encoded by this gene is a member of the Toll-like receptor (TLR) family which plays a fundamental role in pathogen recognition and activation of innate immunity. TLRs are highly conserved from Drosophila to humans and share structural and functional similarities. They recognize pathogen-associated molecular patterns that are expressed on infectious agents, and mediate the production of cytokines necessary for the development of effective immunity. The various TLRs exhibit different patterns of expression. In silico studies have found a particularly strong binding of surface TLR4 with the spike protein of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the causative agent of Coronavirus disease-2019 (COVID-19). This receptor has also been implicated in signal transduction events induced by lipopolysaccharide (LPS) found in most gram-negative bacteria. Mutations in this gene have been associated with differences in LPS responsiveness, and with susceptibility to age-related macular degeneration. Multiple transcript variants encoding different isoforms have been found for this gene.

: Fusion protein of human TLR4
: ELISA, IHC
: IHC: 50-200; ELISA: 5000-10000
: Rabbit
Rabbit Polyclonal
: Immunogen-specific rabbit IgG
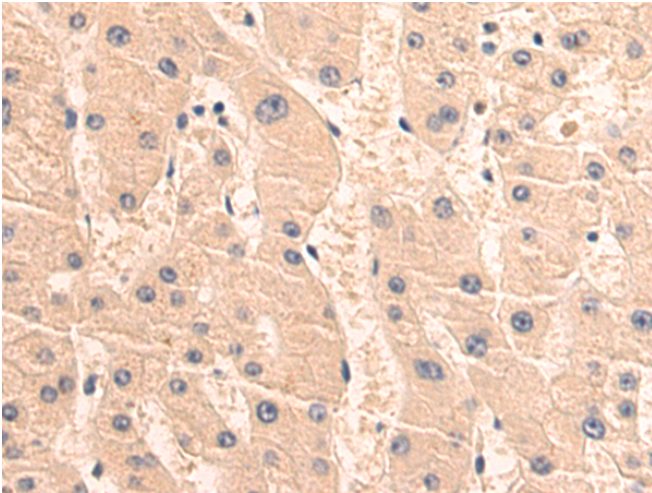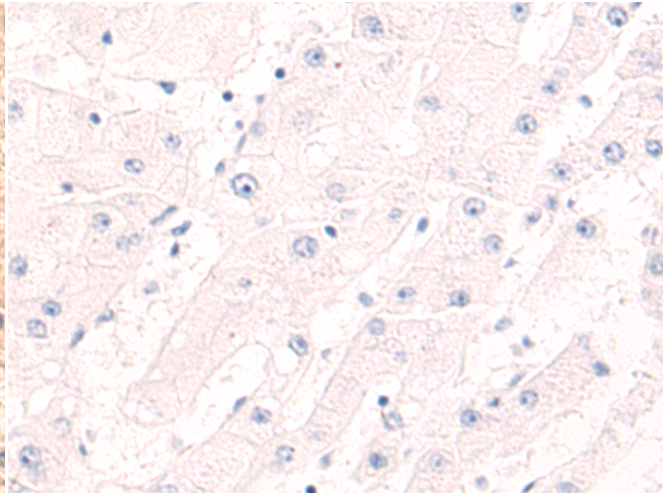: Antigen affinity purification
: Human
: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol
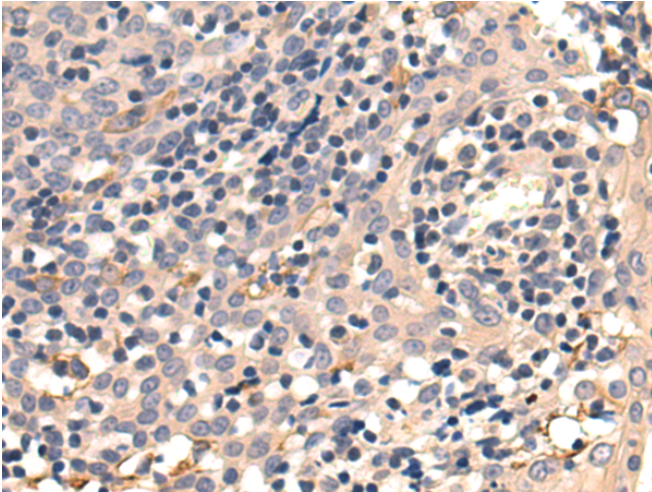: Cardiovascular, Immunology
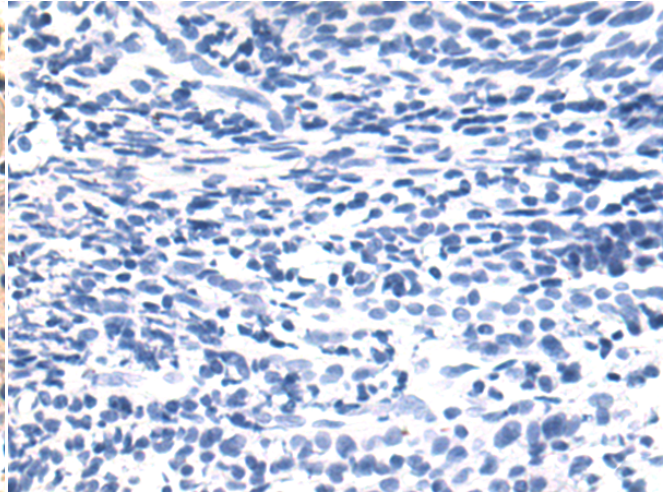: Store at -20°C. Avoid repeated freezing and thawing

Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 210851(TLR4 Antibody) at a dilution of 1/80(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 210851(Anti-TLR4 Antibody) at dilution 1/80.

The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using 210851(Anti-TLR4 Antibody) at a dilution of 1/80.

In comparision with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with fusion protein and then with D121751(Anti-TLR4 Antibody) at dilution 1/80.