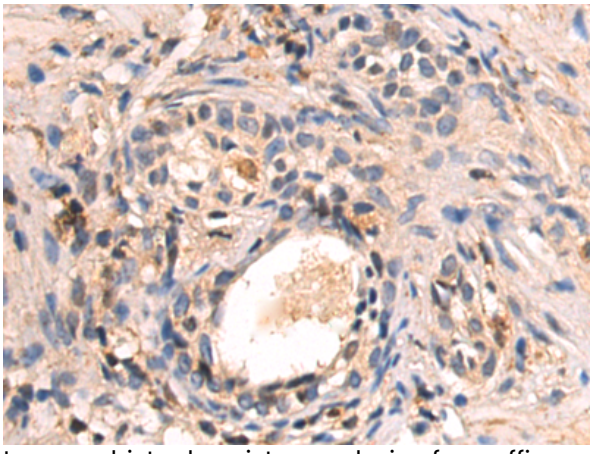
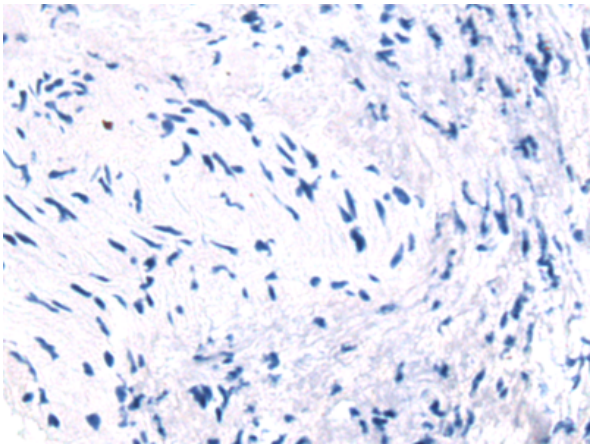
PLS3 RABBIT PAB

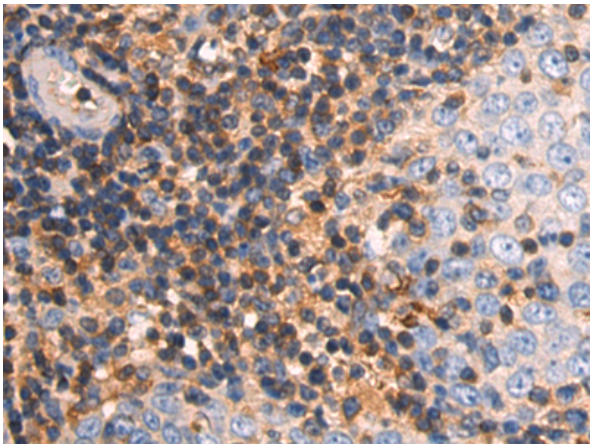
Cat.#: S217697
Product Name: Anti-PLS3 Rabbit Polyclonal Antibody
Synonyms: BMND18; T-plastin
UNIPROT ID: P13797 (Gene Accession - BC039049)
Background: Plastins are a family of actin-binding proteins that are conserved throughout eukaryote evolution and expressed in most tissues of higher eukaryotes. In humans, two ubiquitous plastin isoforms (L and T) have been identified. Plastin 1 (otherwise known as Fimbrin) is a third distinct plastin isoform which is specifically expressed at high levels in the small intestine. The L isoform is expressed only in hemopoietic cell lineages, while the T isoform has been found in all other normal cells of solid tissues that have replicative potential (fibroblasts, endothelial cells, epithelial cells, melanocytes, etc.). The C-terminal 570 amino acids of the T-plastin and L-plastin proteins are 83% identical. It contains a potential calcium-binding site near the N terminus. Alternate splicing results in multiple transcript variants.
Immunogen: Fusion protein of human PLS3
Applications: ELISA, WB, IHC
Recommended Dilutions: IHC: 50-200;WB: 500-2000;ELISA: 5000-10000
Host Species: Rabbit
Clonality: Rabbit Polyclonal
Isotype: Immunogen-specific rabbit IgG
Purification: Antigen affinity purification
Species Reactivity: Human, Mouse, Rat
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



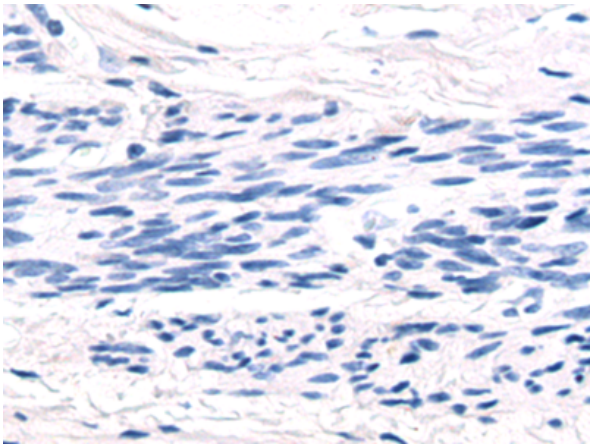
Immunohistochemistry analysis of paraffin embedded Human prostate cancer tissue using 217697(PLS3 Antibody) at a dilution of 1/75(Cytoplasm).



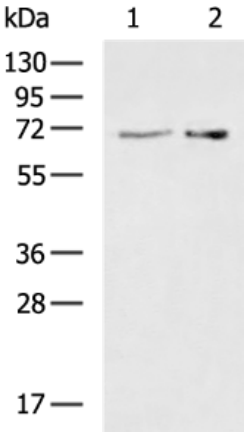
In comparision with the IHC on the left, the same paraffin-embedded Human prostate cancer tissue is first treated with the fusion protein and then with 217697(Anti-PLS3 Antibody) at dilution 1/75.



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using 217697(Anti-PLS3 Antibody) at a dilution of 1/75.



In comparision with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with fusion protein and then with D222885(Anti-PLS3 Antibody) at dilution 1/75.



Gel: 8%SDS-PAGE, Lysate: 40 µg;
Lane 1-2: 293T and BGC-823 cell lysates;
Primary antibody: 217697(PLS3 Antibody) at dilution 1/1000;
Secondary antibody: HRP-conjugated Goat anti rabbit IgG at 1/5000 dilution;
Exposure time: 20 seconds