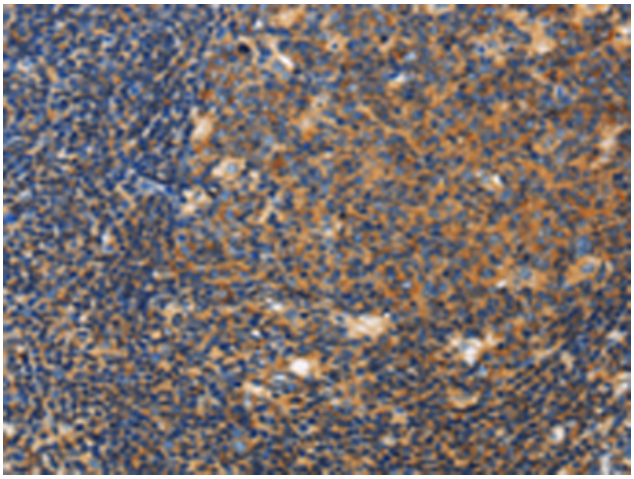
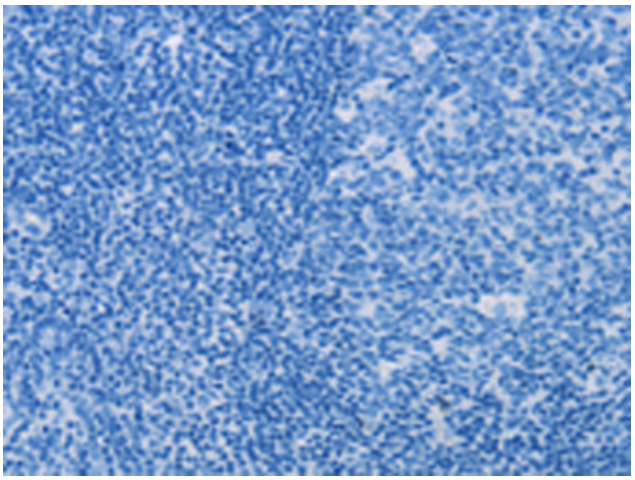
CERK RABBIT PAB

Cat.#: S217163
Product Name: Anti-CERK Rabbit Polyclonal Antibody
Synonyms: LK4; hCERK; dA59H18.2; dA59H18.3
UNIPROT ID: Q8TCT0 (Gene Accession - BC126940)
Background: CERK converts ceramide to ceramide 1-phosphate (C1P), a sphingolipid metabolite. Both CERK and C1P have been implicated in various cellular processes, including proliferation, apoptosis, phagocytosis, and inflammation. Catalyzes specifically the phosphorylation of ceramide to form ceramide 1-phosphate. Acts efficiently on natural and analog ceramides (C6, C8, C16 ceramides, and C8-dihydroceramide), to a lesser extent on C2-ceramide and C6-dihydroceramide, but not on other lipids, such as various sphingosines. Binds phosphoinositides.
Immunogen: Fusion protein of human CERK
Applications: ELISA, IHC
Recommended Dilutions: IHC: 25-100; ELISA: 2000-5000
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: Cancer
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

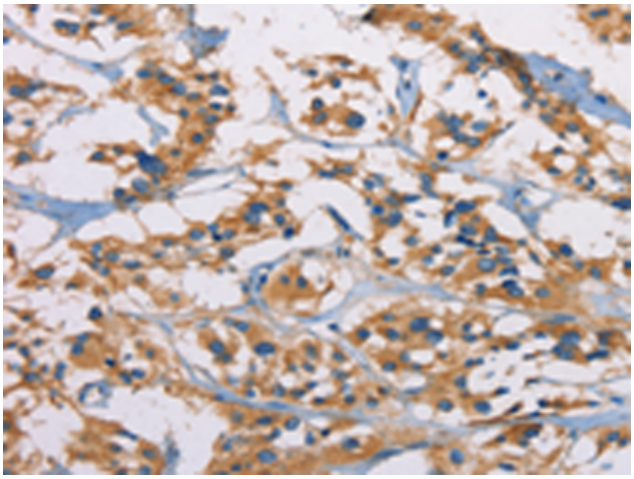
FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC APPLICATIONS



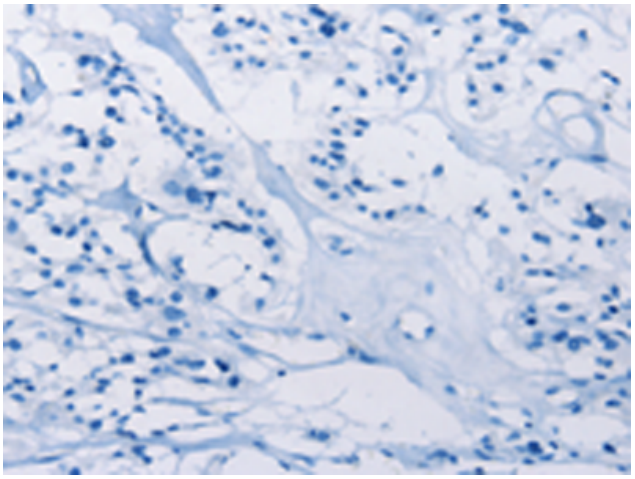
Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 217163(CERK Antibody) at a dilution of 1/50(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with the fusion protein and then with 217163(Anti-CERK Antibody) at dilution 1/50.



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 217163(Anti-CERK Antibody) at a dilution of 1/50.



In comparision with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with fusion protein and then with D221902(Anti-CERK Antibody) at dilution 1/50.

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