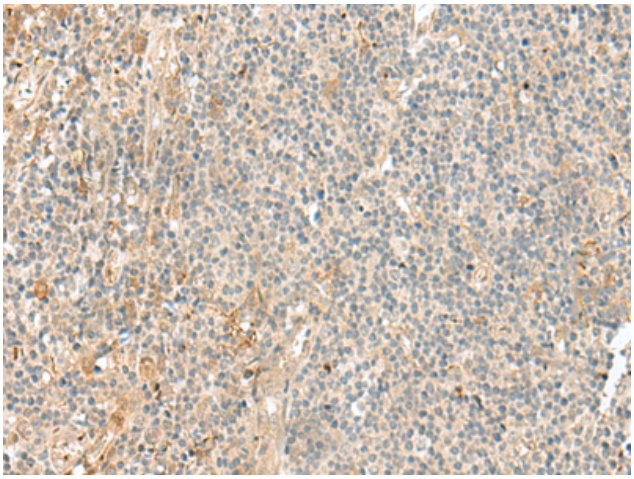
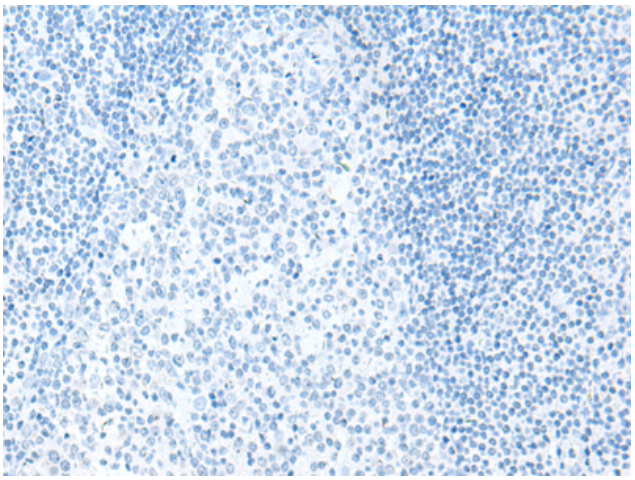
NGEF RABBIT PAB

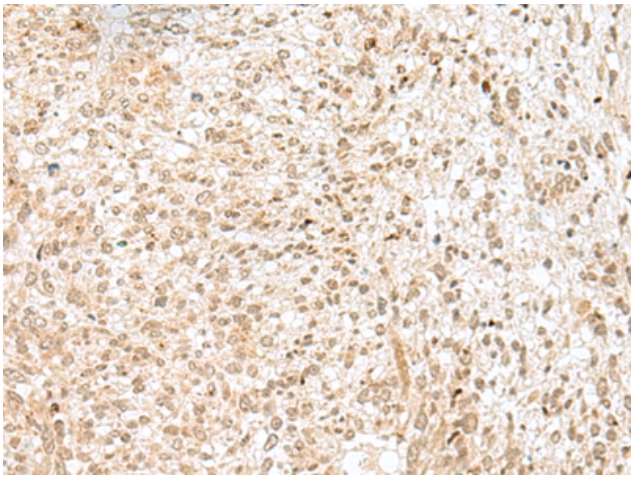
Cat.#: S218909
Product Name: Anti-NGEF Rabbit Polyclonal Antibody
Synonyms: EPHEXIN; ARHGEF27
UNIPROT ID: Q8N5V2 (Gene Accession - BC031573)
Background: Acts as a guanine nucleotide exchange factor (GEF) which differentially activates the GTPases RHOA, RAC1 and CDC42. Plays a role in axon guidance regulating ephrin-induced growth cone collapse and dendritic spine morphogenesis. Upon activation by ephrin through EPHA4, the GEF activity switches toward RHOA resulting in its activation. Activated RHOA promotes cone retraction at the expense of RAC1- and CDC42-stimulated growth cone extension (By similarity).
Immunogen: Fusion protein of human NGEF
Applications: ELISA, IHC
Recommended Dilutions: IHC: 40-200; 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, Neuroscience
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



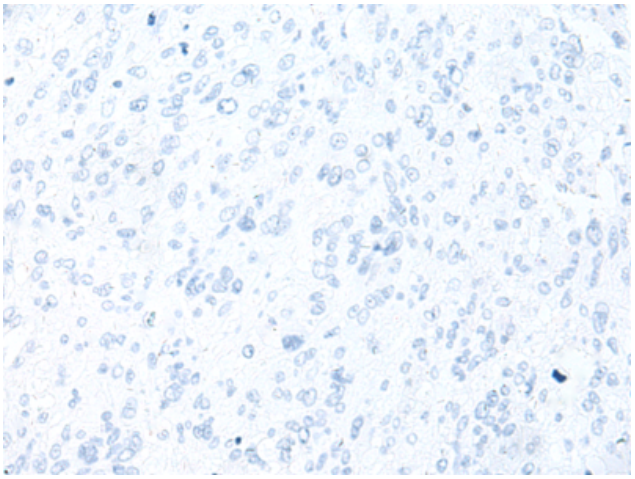
Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 218909(NGEF Antibody) at a dilution of 1/35(Cytoplasm or Nucleus).



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 218909(Anti-NGEF Antibody) at dilution 1/35.



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 218909(Anti-NGEF Antibody) at a dilution of 1/35.



In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with fusion protein and then with D225483(Anti-NGEF Antibody) at dilution 1/35.