

TCF3 RABBIT PAB

Cat.#: S217886

Product Name: Anti-TCF3 Rabbit Polyclonal Antibody

Synonyms: E2A; E47; p75; AGM8; ITFI; VDIR; AGM8A; AGM8B; TCF-3; bHLHb21

UNIPROT ID: P15923 (Gene Accession - BC110580)

Background: This gene encodes a member of the E protein (class I) family of helix-loop-helix transcription factors. E proteins activate transcription by binding to regulatory E-box sequences on target genes as heterodimers or homodimers, and are inhibited by heterodimerization with inhibitor of DNA-binding (class IV) helix-loop-helix proteins. E proteins play a critical role in lymphopoiesis, and the encoded protein is required for B and T lymphocyte development. Deletion of this gene or diminished activity of the encoded protein may play a role in lymphoid malignancies. This gene is also involved in several chromosomal translocations that are associated with lymphoid malignancies including pre-B-cell acute lymphoblastic leukemia (t(1;19), with PBX1), childhood leukemia (t(19;19), with TFPT) and acute leukemia (t(12;19), with ZNF384). Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the short arm of chromosome 9.

Immunogen: Fusion protein of human TCF3

Applications: ELISA, IHC

Recommended Dilutions: IHC: 50-200; ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

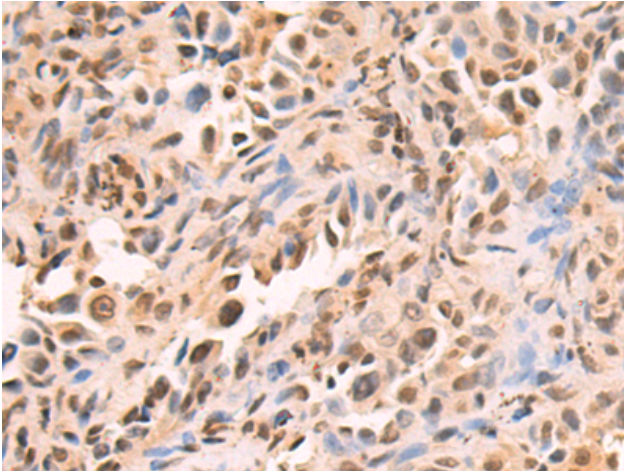
Purification: Antigen affinity purification

Species Reactivity: Human

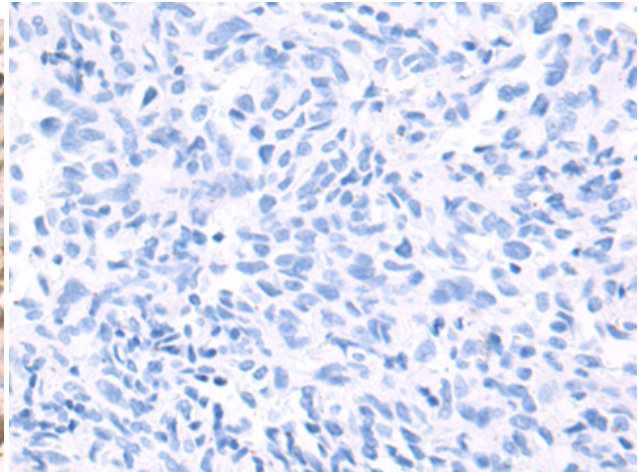
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Epigenetics and Nuclear Signaling, Signal Transduction

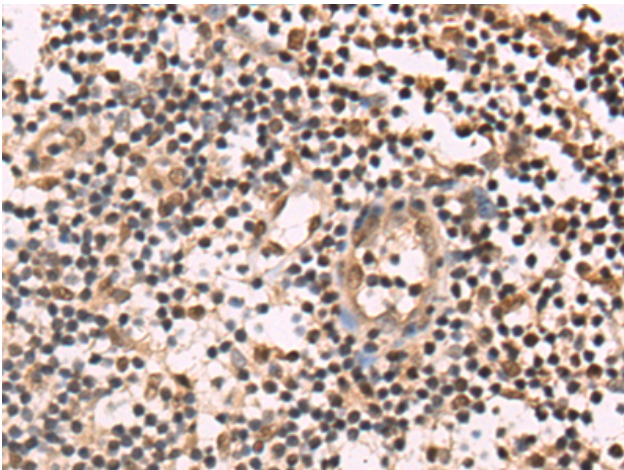
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



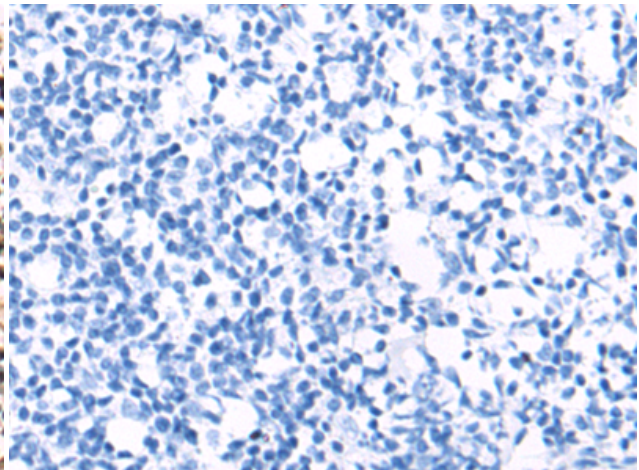
Immunohistochemistry analysis of paraffin-embedded Human thyroid cancer tissue using 217886(TCF3 Antibody) at a dilution of 1/80(Nucleus).



In comparison with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with the fusion protein and then with 217886(Anti-TCF3 Antibody) at dilution 1/80.



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using 217886(Anti-TCF3 Antibody) at a dilution of 1/80.



In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with fusion protein and then with D223301(Anti-TCF3 Antibody) at dilution 1/80.