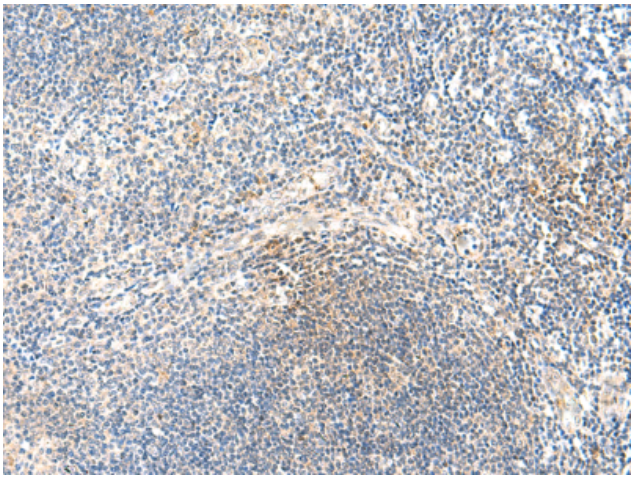
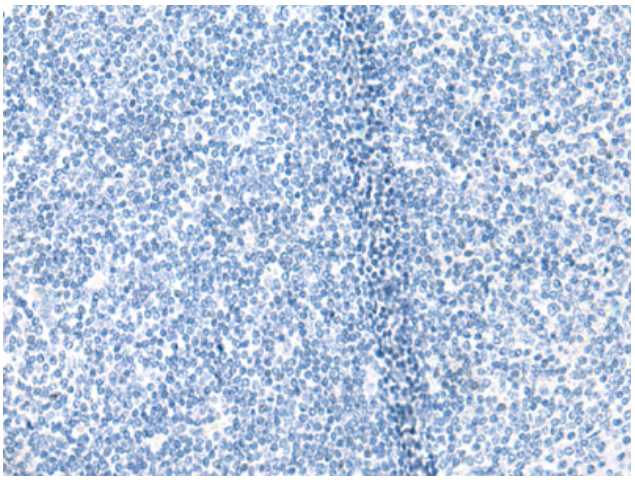
XPC RABBIT PAB

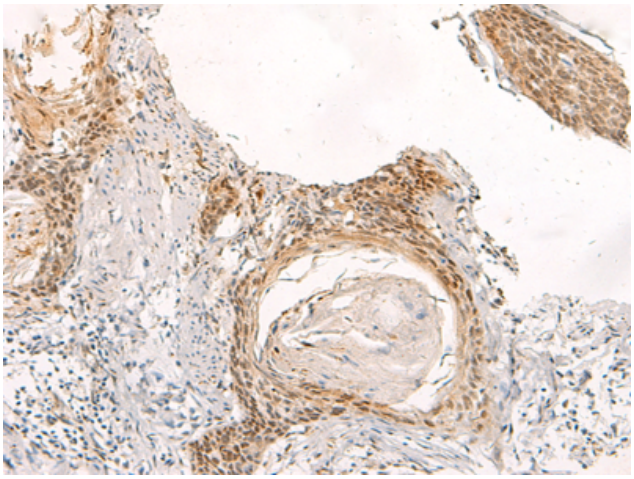
Cat.#: S221151
Product Name: Anti-XPC Rabbit Polyclonal Antibody
Synonyms: XP3; RAD4; XPCC; p125
UNIPROT ID: Q01831 (Gene Accession - NP_004619)
Background: The protein encoded by this gene is a key component of the XPC comple,x which plays an important role in the early steps of global genome nucleotide excision repair (NER). The encoded protein is important for damage sensing and DNA binding, and shows a preference for single-stranded DNA. Mutations in this gene or some other NER components can result in Xeroderma pigmentosum, a rare autosomal recessive disorder characterized by increased sensitivity to sunlight with the development of carcinomas at an early age. Alternatively spliced transcript variants have been found for this gene.
Immunogen: Synthetic peptide of human XPC
Applications: ELISA, IHC
Recommended Dilutions: IHC: 20-100; 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
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



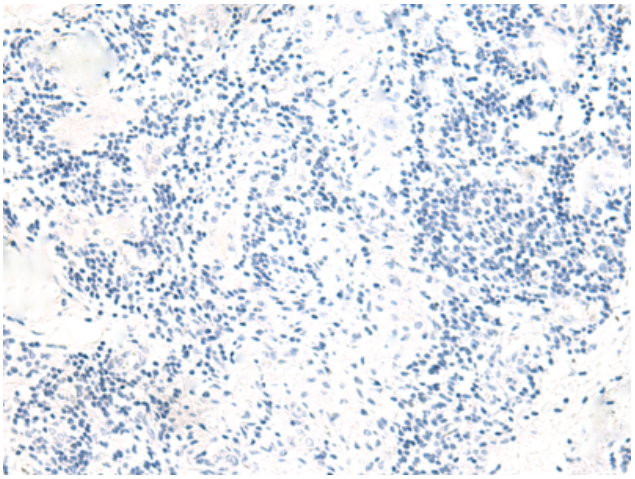
Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 221151(XPC Antibody) at a dilution of 1/20(Cytoplasm or Nucleus).



In comparision with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with the synthetic peptide and then with 221151(Anti-XPC Antibody) at dilution 1/20.



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 221151(Anti-XPC Antibody) at a dilution of 1/20.



In comparision with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with synthetic peptide and then with D262626(Anti-XPC Antibody) at dilution 1/20.