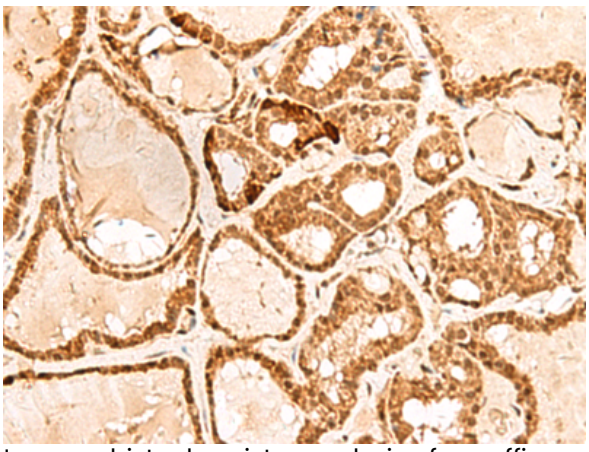
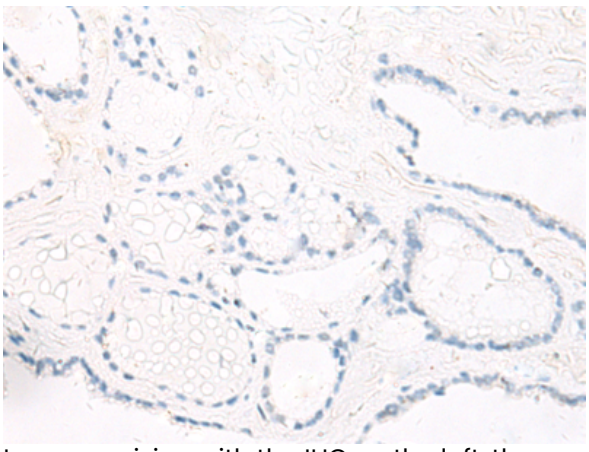
MITF RABBIT PAB

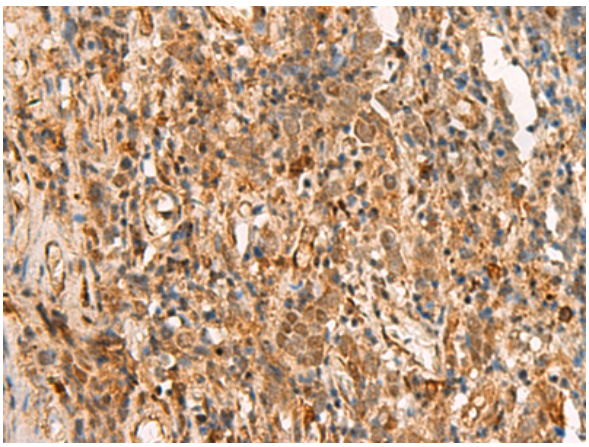
Cat.#: S210453
Product Name: Anti-MITF Rabbit Polyclonal Antibody
Synonyms: MI; WS2; CMM8; WS2A; COMMAD; bHLHe32
UNIPROT ID: O75030 (Gene Accession - BC026961)
Background: This gene encodes a transcription factor that contains both basic helix-loop-helix and leucine zipper structural features. It regulates the differentiation and development of melanocytes retinal pigment epithelium and is also responsible for pigment cell-specific transcription of the melanogenesis enzyme genes. Heterozygous mutations in the this gene cause auditory-pigmentary syndromes, such as Waardenburg syndrome type 2 and Tietz syndrome. Alternatively spliced transcript variants encoding different isoforms have been identified.
Immunogen: Fusion protein of human MITF
Applications: ELISA, WB, IHC
Recommended Dilutions: IHC: 40-200;WB: 200-1000;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: Epigenetics and Nuclear Signaling, Immunology
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



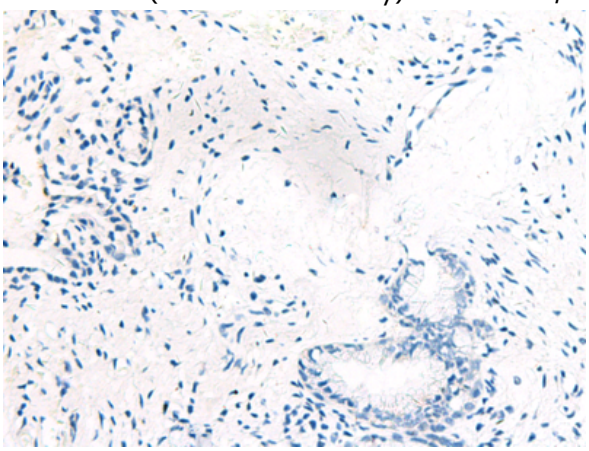
Immunohistochemistry analysis of paraffin embedded Human thyroid cancer tissue using 210453(MITF Antibody) at a dilution of 1/55(Nucleus).



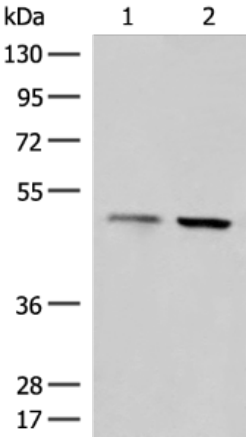
In comparision with the IHC on the left, the same paraffin-embedded Human thyroid cancer tissue is first treated with the fusion protein and then with 210453(Anti-MITF Antibody) at dilution 1/55.



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using 210453(Anti-MITF Antibody) at a dilution of 1/55.



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 D120988(Anti-MITF Antibody) at dilution 1/55.



Gel: 8%SDS-PAGE, Lysate: 40 µg;
Lane 1-2: Mouse kidney tissue and Mouse liver tissue lysates;
Primary antibody: 210453(MITF Antibody) at dilution 1/200;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 15 seconds