

p63 antibody (mAb)

Catalog No: 40974

Clone: 87C553

Isotype: IgG1

Application(s): WB

Reactivity: Human

Purification: Affinity Purified

Host: Mouse

Concentration: 0.5 µg/µl

Quantity: 100 µg

Molecular Weight: 63 kDa

Background: p63, also known as TP63 (for tumor protein p63), is a p53-related tumor protein with some structural resemblance to p53, and is therefore considered a tumor-suppressor protein. p63 has numerous isoforms arising from alternative splicing, resulting in 6 different C-termini. Overexpression of p63 promotes growth arrest and/or apoptosis in a manner similar to that seen with p53. It is associated with ectrodactyly-ectodermal dysplasia-cleft syndrome and Hay-Wells syndrome.

Immunogen: This p63 antibody was raised against a synthetic peptide corresponding to human p63.

Buffer: PBS containing 0.02% sodium azide. Sodium azide is highly toxic.

Application Notes:

Validated Applications:

WB: 3 - 5 µg/ml dilution

For optimal results, primary antibody incubations should be performed at room temperature. The addition of 0.1% Tween 20 to all Blotting solutions may also reduce background. Individual optimization may be required.

Storage and Guarantee: Some products may be shipped at room temperature. This will not affect their stability or performance. Upon receipt, unconjugated antibodies may be stored at -20°C for up to 2 years. Fluorophore- & enzyme-conjugated antibodies should be stored at 4°C. Fluorophore-conjugated antibodies should be protected from light. Keep reagents on ice when not in storage; to avoid repeated freeze/thaw cycles, we recommend aliquoting items that will be stored frozen into single-use fractions prior to freezing. This product is guaranteed for 6 months from date of receipt.

This product is for research use only and is not for use in diagnostic procedures.