Product datasheet

Anti-p63/TP63 Antibody

Catalog Number: *BA1326*

BOSTER
antibody and ELISA experts
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Basic Information

Product Name	Anti-p63/TP63 Antibody
Gene Name	TP63
Source	Rabbit
Clonality	Polyclonal
Isotype	IgG
Species Reactivity	human, mouse, rat
Tested Application	WB, IHC, ICC/IF, FCM
Contents	500 ug/ml antibody with PBS, 0.02% NaN3, 1 mg/ml BSA and 50% glycerol.
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human p63, different from the related rat and mouse sequences by one amino acid.
Concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	75 kDa
Dilution Ratios	Western blot (WB): 1:500-2000 Immunohistochemistry (IHC): 1:50-400 Immunocytochemistry/Immunofluorescence (ICC/IF): 1:50-400 Flow Cytometry (Fixed): 1:50-200 (Boiling the paraffin sections in 10mM citrate buffer,pH6.0,or PH8.0 EDTA repair liquid for 20 mins is required for the staining of formalin/paraffin sections.) Optimal working dilutions must be determined by end user.

Storage

12 months from date of receipt，-20℃ as supplied.

Background Information

TP63(Tumor Protein p63), also known as KET, is a protein that in humans is encoded by the TP63 gene. Yang et al.(1998) described the cloning of tumor protein p63, which shows strong homology to the tumor suppressor p53 and the p53-related protein p73. By fluorescence in situ hybridization, Yang et al.(1998) localized the human TP63 gene to chromosome 3q27-q29. Hibi et al.(2000) stated that p53 homologs known variously as p40, p51, p63, and p73L(Trink et al., 1998, Yang et al., 1998, Osada et al., 1998, Senoo et al., 1998) are isoforms of the same gene, which Hibi et

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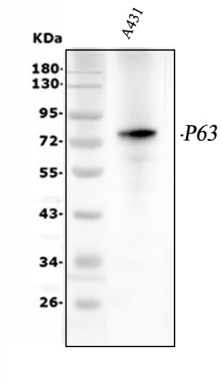
al.(2000) referred to as AIS for amplified in squamous cell carcinoma.

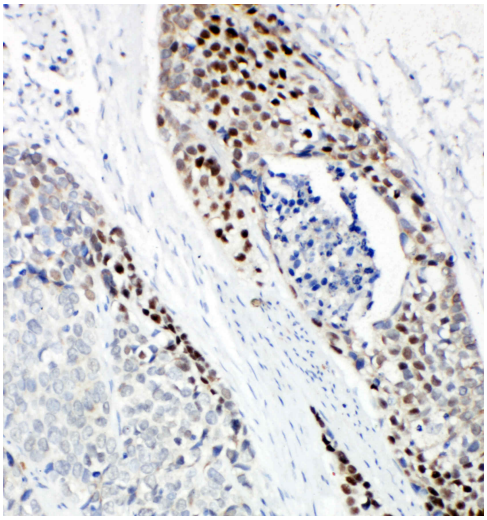
Reference

Anti-p63/TP63 Antibody被引用在4文献中。

Selected Validation Data



Western blot analysis of p63/TP63 using anti-p63/TP63 antibody (BA1326). The sample well of each lane was loaded with 30 ug of sample under reducing conditions.
Lane 1: A431 whole cell lysates.
After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-p63/TP63 antigen affinity purified polyclonal antibody (BA1326) at a dilution of 1:1000 and probed with a goat anti-rabbit IgG-HRP secondary antibody (Catalog # BA1054). The signal is developed using ECL Plus Western Blotting Substrate (Catalog # AR1197). A specific band was detected for p63/TP63 at approximately 75 kDa. The expected band size for p63/TP63 is at 77 kDa.



IHC analysis of p63/TP63 using anti-p63/TP63 antibody (BA1326). p63/TP63 was detected in a paraffin-embedded section of human esophageal squamous cell carcinoma tissue. Biotinylated goat anti-rabbit IgG was used as secondary antibody. The tissue section was incubated with rabbit anti-p63/TP63 Antibody (BA1326) at a dilution of 1:200 and developed using Strepavidin-Biotin-Complex (SABC) (Catalog # SA1022) with DAB (Catalog # AR1027) as the chromogen.

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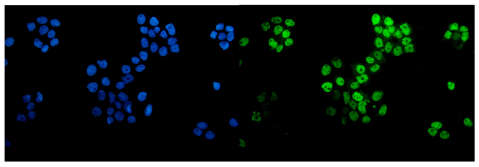
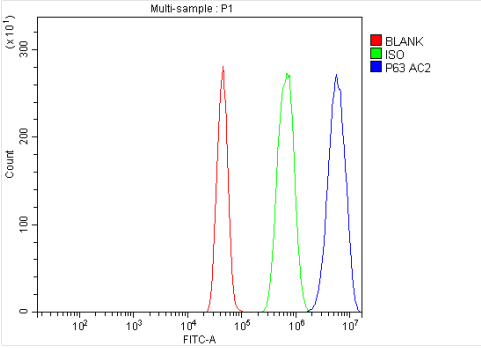


ICC/IF analysis of p63/TP63 using anti-p63/TP63 antibody (BA1326). p63/TP63 was detected in an immunocytochemical section of A431 cells. The section was incubated with rabbit anti-p63/TP63 Antibody (BA1326) at a dilution of 1:100. Fluoro488 Conjugated Goat Anti-Rabbit IgG (Green) (Catalog # BA1127) was used as secondary antibody. The section was counterstained with DAPI (Catalog # AR1176) (Blue).



Flow cytometry analysis of A431 cell (1:100) Fluoro 488 conjugated goat anti-rabbit IgG(blue) was used as secondary antibody. Isotype control antibody (Green line) was rabbit IgG Fluoro 488. Unlabelled sample (Red line).