

## 30-2724: Anti-p63 Purified

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	PANp63-6.1
<b>Application :</b>	WB
<b>Reactivity :</b>	Mouse
<b>Gene :</b>	TP63
<b>Gene ID :</b>	8626
<b>Uniprot ID :</b>	Q9H3D4
<b>Format :</b>	Purified
<b>Alternative Name :</b>	tumor protein p63 TAp63 + deltaNp63, AIS, KET, LMS, NBP, RHS, EEC3, OFC8, SHFM4
<b>Immunogen Information :</b>	Recombinant full length human p63

### Description

The p53 family of proteins includes three members, p53, p63, and p73. The protein p63 is encoded by TP63 gene, which gives rise to protein isoforms with different properties and functions due to the presence (TAp63) or absence (deltaNp63) of an N-terminal transactivation domain. Immunohistochemistry of p63 has a clinical relevance for certain tumor types, but investigations have been hampered by a lack of well characterized antibodies that are specific for p63 and do not cross-react with the related p53 and p73 proteins.

**Specificity :** The mouse monoclonal antibody PANp63-6.1 recognizes both TAp63, and deltaNp63 form of p63. The target epitope PSHLIR is located within amino acids 261-266 of TAp63, and 167-172 of deltaNp63.

### Product Info

<b>Amount :</b>	0.1 mg
<b>Purification :</b>	Purified by protein-A affinity chromatography.
<b>Content :</b>	Concentration: 1 mg/ml Storage Buffer: Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
<b>Storage condition :</b>	Store at 2-8°C. Do not freeze.

### Application Note

Western blotting: Recommended dilution: 1 µg/ml

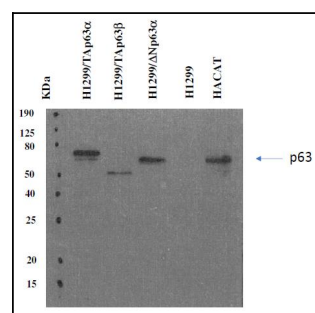


Figure 1: Western blotting analysis of p63 isoforms using mouse monoclonal antibody PANp63.1. This antibody detects both TAp63 and deltaNp63 isoforms, as demonstrated on particular transfectants.