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30-2718: Anti-TAp63 Purified

Clonality :	Monoclonal
Clone Name :	TAp63-4.1
Application :	WB
Reactivity :	Mouse
Gene :	TP63
Gene ID :	8626
Uniprot ID :	Q9H3D4
Format :	Purified
Alternative Name :	tumor protein p63 AIS, KET, LMS, NBP, RHS, EEC3, OFC8, SHFM4
Immunogen Information :	Recombinant 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, do not cross-react with the related p53 and p73 proteins, and allow for discrimination between p63 isoforms TAp63 and deltaNp63 with opposite functional properties.
Specificity :The mouse monoclonal antibody TAp63-4.1 recognizes TAp63; target epitope LSDPMW. This antibody does not bind to deltaNp63 isoform of p63.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography.
Content :	Storage Buffer: Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Western blotting: Recommended dilution: 1 Âµg/ml

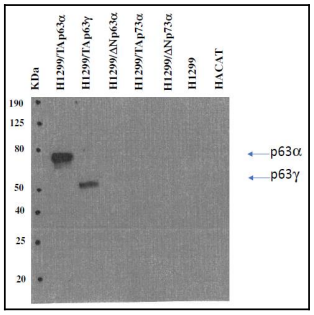


Figure 1: Western blotting analysis, confirming specificity of mouse monoclonal antibody TAp63-4.1 for TAp63 isoform of p63 protein. Cell lysates from particular transfectants of TAp63alpha, TAp63gamma, deltaNp63alpha, TAp73alpha, and deltaNp73alpha were analysed

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