

MOUSE ANTI-p63  
MONOCLONAL ANTIBODY

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<b>CATALOG NUMBER:</b>	MAB4135	<b>QUANTITY:</b>	50 µg
<b>LOT NUMBER:</b>	xxxxxxx	<b>CONCENTRATION:</b>	0.2 mg/mL
<b>ALTERNATE NAMES:</b>	Tumor Protein 63; p73-like; Keratinocyte Transcription Factor KET	<b>HOST/ISOTYPE:</b>	IgG <sub>2a</sub>
<b>CLONE NAME:</b>	4A4		
<b>BACKGROUND:</b>	The p63 gene, a homolog of the tumor-suppressor p53, is highly expressed in the basal or progenitor layers of many epithelial tissues. P63 shows remarkable structural similarity to p53 and to the related p73 gene. Unlike p53, the p63 gene encodes multiple isotypes with remarkably divergent abilities to transactivate p53 reporter genes and induce apoptosis.		
<b>SPECIFICITY:</b>	MAB4135 recognizes all known isotypes of p63, a 63 kDa protein.		
<b>APPLICATIONS:</b>	Western blot: 1-2 µg/mL for 2 hours at RT Immunoprecipitation (Use Protein A): 2 µg/mg of protein lysate Immunohistochemistry (Formalin/paraffin): 1:200-1:400 for 30 minutes at RT Immunofluorescence <i>Optimal working dilutions must be determined by end user.</i>		
<b>SPECIES REACTIVITY:</b>	Human, mouse, rat. Reactivity with other species has not been determined.		
<b>IMMUNOGEN:</b>	Recombinant protein derived from aa 1-205 of human p63.		
<b>PRESENTATION:</b>	Purified immunoglobulin, by Protein A Liquid in 10mM PBS, pH 7.4, containing 0.2% BSA and 0.09% sodium azide.		
<b>STORAGE/HANDLING:</b>	Maintain at 2-8°C for up to 12 months.		
<b>REFERENCES:</b>	Yang, A. et al. (1999). <i>Nature</i> <b>398</b> : 714-718. Yang, A. et al. (1998). <i>Molecular Cell</i> <b>2</b> : 305-316.		

**Important Note:** *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

*For research use only; not for use as a diagnostic.*

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