p63 monoclonal antibody

Catalog: MB67204 Host: Mouse Reactivity: Human

BackGround:

The p53 tumor suppressor protein plays a major role in cellular response to DNA damage and other genomic aberrations. Activation of p53 can lead to either cell cycle arrest and DNA repair or apoptosis. In addition to p53, mammalian cells contain two p53 family members, p63 and p73, which are similar to p53 in both structure and function. While p63 can induce p53-responsive genes and apoptosis, mutation of p63 rarely results in tumors. Research investigators frequently observe amplification of the p63 gene in squamous cell carcinomas of the lung, head and neck. The p63 gene contains an alternative transcription initiation site that yields a truncated ΔNp63 lacking the transactivation domain, and alternative splicing at the carboxy-terminus yields the α, β, and γ isoforms.

Product:

Mouse IgM. Supplied in crude ascites with 0.01% sodium azide.

Molecular Weight:

~ 70 kDa

Swiss-Prot:

Q9H3D4

Purification&Purity:

Applications:

WB (1/500 - 1/1000)

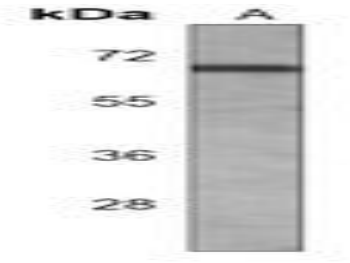
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of p63 protein.

DATA:



Western blot analysis of p63 expression in K562 (A) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

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