ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Mouse Monoclonal Antibody to p63α

Cataloge Number	sAP-0528
Target Molecule	**Name: p63α** **Aliases:** P51B; KET; p63α **MW: 51kDa** **Entrez Gene ID: 8626**
Descrption	The p63 gene is a homologue of the p53 tumor suppressor gene. Like p53, p63 contains a transactivation (TA) domain induce the transcription of target genes, a DNA binding domain, and an oligomerization domain (OD), used to form tetramers. In contrast to p53, the p63 gene encodes for at least six major isotypes. Three isotypes (TAp63α, TAp63β, and TAp63γ) contain the transactivating (TA) domain and are able to transactivate p53 report genes and induce apoptosis. In contrast, the other three isotypes (ΔNp63α, ΔNp63β, ΔNp63γ) are transcribed from an internal promoter localized within intron3, lack the TA domain, and act as dominant-negatives to suppress transactivation by both p53 and TAp63 isotypes. p63 is highly expressed in the basal cells of the epithelium significant for proper limb outgrowth and morphogenesis.4 In
Immunogen	Synthesized peptide of human p63α. ;
Recitative Species	Human; Mouse; Rat; Monkey
Clone	MM4E5;
Size and Concentration	100μg/1mg/ml
Supplied as	Lyophilized Powder from 100μl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstitued with 100μl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Cancer Res. 2008 Jul 1;68(13):5122-31. ; 2. Eur J Med Genet. 2008 Sep-Oct;51(5):497-500.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

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