
Product Name: p63a Mouse Monoclonal Antibody**Catalog #: AMM80957**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ELISA
Reactivity	Human,Mouse,Rat,Monkey
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight	51kDa

Antigen Information

Gene Name	p63a
Alternative Names	P51B; KET; p63 α
Gene ID	8626.0
SwissProt ID	Q9H3D4
Immunogen	Synthesized peptide of human p63 α .

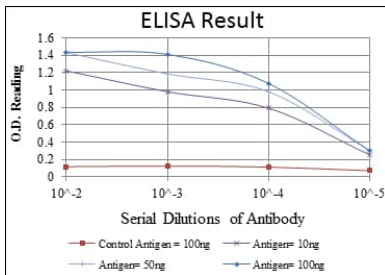
Background

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 (TAp63a, TAp63

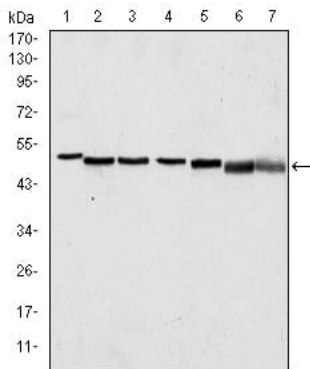
Research Area

Apoptosis, Notch signaling pathway

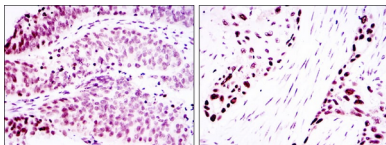
Image Data



Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng);



Western blot analysis using p63 mouse mAb against A431 (1), HeLa (2), Jurkat (3), THP-1 (4), NIH/3T3 (5), Cos7 (6) and PC-12 (7) cell lysate.



Immunohistochemical analysis of paraffin-embedded human ovarian cancer (left) and lung cancer (right) using p63 mouse mAb with DAB staining.