

p63 Monoclonal Antibody

Catalog No. E-AB-71013

Note: Centrifuge before opening to ensure complete recovery of vial contents.

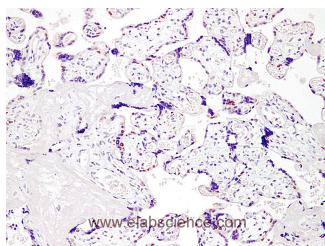
Description

Reactivity	Human
Immunogen	Full length protein from eukaryotic expression system.
Host	Mouse
Isotype	IgG
Clone	LE0209
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

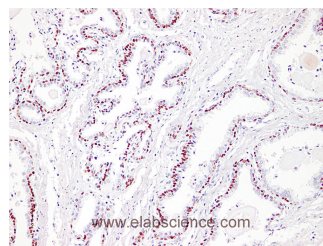
Applications Recommended Dilution

IHC 1:100-1:200

Data



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human placenta using p63 Monoclonal Antibody with Cat#E-AB-71013 at dilution of 1:200.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human prostate cancer using with Cat#E-AB-71013 at dilution of 1:200.

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

p63 protein is a member of the p53 tumor suppressor family which also includes the p73 protein. These proteins act as transcription factors that regulate the progression of the cell through its cell cycle and cell death (apoptosis) in response to environmental stimuli, such as DNA damage and hypoxia. The p63 protein is expressed in the nucleus of basal cells in many types of epithelium. Antibodies to p63 protein may be useful as an aid in the differentiation between benign prostate lesions and prostate adenocarcinoma, between breast carcinoma in situ and breast carcinoma, between squamous cell carcinoma and adenocarcinoma of the lung and furthermore to differentiate uterine cervical squamous carcinoma from cervical adenocarcinoma.

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