p63 Antibody [clone 603CT12.4.3] (F53705)

Catalog No.	Formulation	Size
F53705-0.1ML	In ascites with 0.09% sodium azide	0.1 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Ascites
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgM
Clone Name	603CT12.4.3
Purity	Ascites
UniProt	Q9H3D4
Applications	Western Blot : 1:200-1:1600
Limitations	This p63 antibody is available for research use only.

p63 antibody western blot analysis in K562 lysate. Predicted molecular weight: 63-77 kDa.

Description

This gene encodes a member of the p53 family of transcription factors. An animal model, p63 -/- mice, has been useful in defining the role this protein plays in the development and maintenance of stratified epithelial tissues. p63 -/- mice have several developmental defects which include the lack of limbs and other tissues, such as teeth and mammary glands, which develop as a result of interactions between mesenchyme and epithelium. Mutations in this gene are associated with ectodermal dysplasia, and cleft lip/palate syndrome 3 (EEC3); split-hand/foot malformation 4 (SHFM4); ankyloblepharon-ectodermal defects-cleft lip/palate; ADULT syndrome (acro-dermato-ungual-lacrimal-tooth); limb-mammary syndrome; Rap-Hodgkin syndrome (RHS); and orofacial cleft 8. Both alternative splicing and the use of

alternative promoters results in multiple transcript variants encoding different proteins. Many transcripts encoding different proteins have been reported but the biological validity and the full-length nature of these variants have not been determined.

Application Notes

Titration of the p63 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 651-680 from the human protein was used as the immunogen for this p63 antibody.

Storage

Aliquot the p63 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.