

DATASHEET

p63 Rabbit Monoclonal Antibody(ARA944)

CAT. NO. ARA6785

KEY FEATURES

Target	p63	Source / Host	Rabbit
Reactivity	Human	Clonality	Monoclonal
Applications	IHC	Storage	-20°C

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 40 kDa δ Np63 lacking the transactivation domain, and alternative splicing at the carboxy-terminus yields the α , β , and γ isoforms.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

IHC	1:800-1:2,000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

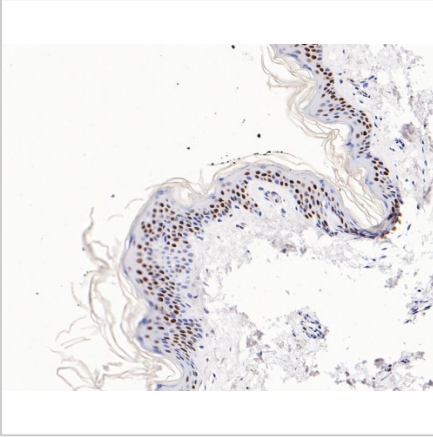
Antibody Type	Recombinant Rabbit Monoclonal Antibody
Immunogen	Recombinant protein within human p63 aa 1 - 250
Molecular Weight	Predicted band size: 77 kDa
Positive Control	A431 cell lysate, MCF7 cell lysate, HaCaT cell lysate, Mouse skin tissue lysate, Rat skin tissue lysate, A431, human skin tissue, human breast tissue, human esophagus tissue, mouse esophagus tissue, rat esophagus tissue
Conjugation	unconjugated
Form/Buffer	1*TBS (pH7.4), 0.05% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide
Isotype	IgG
Purification	Protein A affinity purified

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

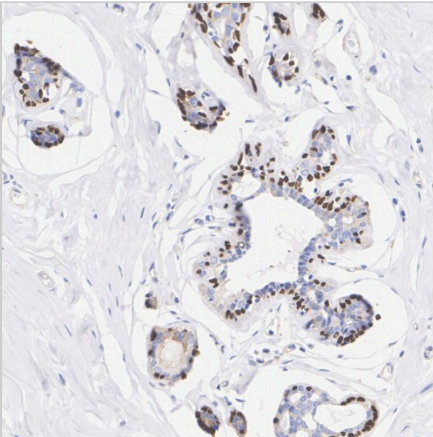
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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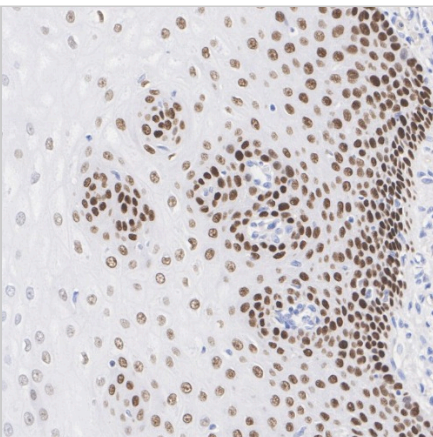
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DATA

Immunohistochemical staining of human skin tissue using p63 Rabbit Monoclonal Antibody(ARA944)



Immunohistochemical staining of human breast tissue using p63 Rabbit Monoclonal Antibody(ARA944)



Immunohistochemical staining of human esophagus tissue using p63 Rabbit Monoclonal Antibody(ARA944)

STORAGE

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com