

DATASHEET

p53 Mouse Monoclonal Antibody(ARB851)

CAT. NO. ARB6641

KEY FEATURES

Target	p53	Clonality	Monoclonal
Clone ID	ARB851	Applications	IHC
Source / Host	Mouse	Dilution	1:100-1:200
Reactivity	Human	Storage	at-20°C

BACKGROUND

p53 has been observed to act as both as a tumor-suppressor and transcription factor. By binding to DNA, the normal p53 negatively regulates cell growth and division. In case of DNA damage, p53 arrests the cell cycle until repair has taken place. In case repair is not possible, p53 induces apoptosis. p53 acts a two checkpoints in the cell cycle, between G1 and S, and between G2 and M, respectively.

APPLICATION

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

IHC	1:100 - 1:200
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

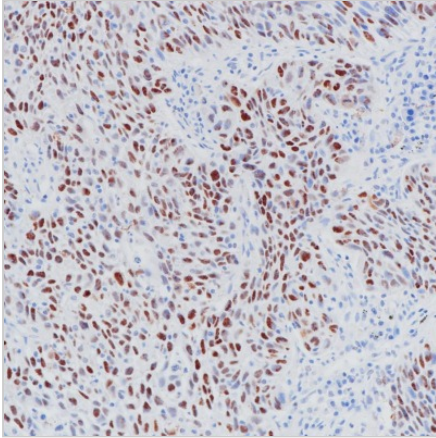
Predicted Molecular Wt	58 kDa
Purity	ProA affinity purified IgG
Subcellular location	Nucleus
Swissprot ID	P04637
Immunogen	Recombinant human wild type p53
Storage Buffer	PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%
Recommended method	Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), primary antibody incubate at RT (18° C-25° C) for 30 minutes.

*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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DATA

Immunohistochemical staining of human pulmonary squamous cell carcinoma (PSCC) tissue sections using p53 Mouse Monoclonal Antibody (ARB851).

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

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

More information: www.arexbio.com