

DATASHEET

Cytokeratin 19 Rabbit Monoclonal Antibody(ARB937)

CAT. NO. ARB6729

KEY FEATURES

Target	Cytokeratin 19	Clonality	Monoclonal
Clone ID	ARB937	Applications	IHC
Source / Host	Rabbit	Dilution	1:100-1:200
Reactivity	Human	Storage	at-20°C

BACKGROUND

Cytokeratin 19 is the smallest keratin and is exceptional since it widely lacks the non-helical tail domain typical for all other keratins. It may have evolved from keratinocyte keratins. Cytokeratin 19 is expressed in most simple epithelia (excluding parenchymatous cells such as hepatocytes, pancreatic acinar cells, and renal proximal tubular cells), notably in various ductal epithelia, in small and large intestinal epithelium, in gastric foveolar epithelium, and in mesothelium. Furthermore, it is present in most cells of pseudostratified epithelia and urothelium as well as in basal cells of non-keratinizing stratified squamous epithelium. In carcinomas, cytokeratin 19 is widely expressed in both adenocarcinomas and squamous cell carcinomas and therefore is not extensively used as an immunohistochemical marker for carcinoma subtyping. Cytokeratin 19 is not expressed in most hepatocytes, therefore cytokeratin 19 is useful in the identification of liver metastasis and can be used in a panel with Hepatocyte Specific Antigen.

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

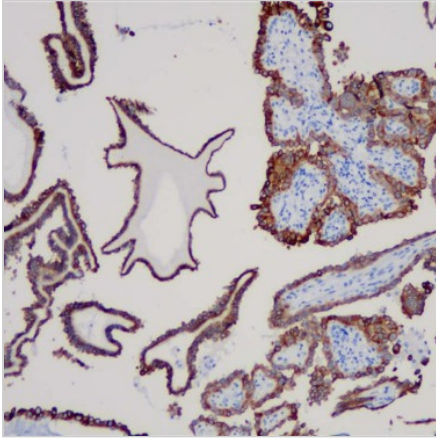
Predicted Molecular Wt	44kDa
Purity	ProA affinity purified IgG
Subcellular location	Cytoplasm
Swissprot ID	P08727
Immunogen	Synthetic peptide corresponding to cytokeratin 19 residues within aa1 - 100 of cytokeratin 19 was used as an immunogen
Storage Buffer	PBS 59%, Sodium azide 0.01%, Glycerol 40%, 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.

DATASHEET**Cytokeratin 19 Rabbit Monoclonal Antibody(ARB937)**

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DATA

Immunohistochemical staining of human thyroid carcinoma tissue using Cytokeratin 19 Rabbit Monoclonal Antibody (ARB937).

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