

## DATASHEET

# Cytokeratin 10 Rabbit Monoclonal Antibody(C3100)

CAT. NO. AMA02712

### KEY FEATURES

Target	Cytokeratin 10	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat, Hamster	Clonality	Monoclonal
Applications	WB, IHC	Conjugation	Unconjugated
Form / Buffer	Liquid in 50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA.	Storage	at-20°C

### BACKGROUND

Plays a role in the establishment of the epidermal barrier on plantar skin . Involved in the maintenance of cell layer development and keratin filament bundles in suprabasal cells of the epithelium .

### APPLICATION

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

WB	1:500 - 1:1000
IHC	1:50 - 1:100

\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

### PRODUCT OVERVIEW

Description	Rabbit monoclonal antibody to Cytokeratin 10
Specificity	Recognizes endogenous levels of Cytokeratin 10 protein.
Antibody Type	Primary antibody
Immunogen	A synthetic peptide of human Cytokeratin 10
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 59 kD; Observed: 59 kD
Form/Buffer	Liquid in 50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA.
Alternative Names	KPP; Keratin type I cytoskeletal 10; Cytokeratin-10; CK-10; Keratin-10; K10
Gene Symbol	KRT10
Entrez Gene	3858(Human); 16661(Mouse); 450225(Rat)
SwissProt	P13645(Human); P02535(Mouse); Q6IFW6(Rat)

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

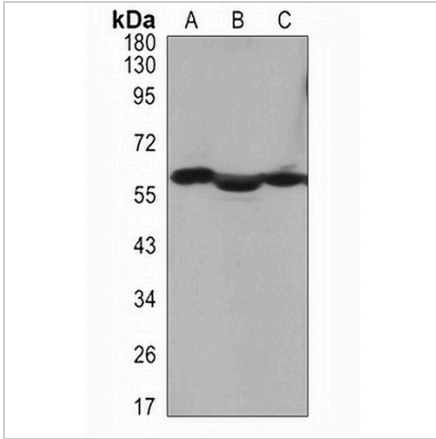
\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

**DATASHEET**

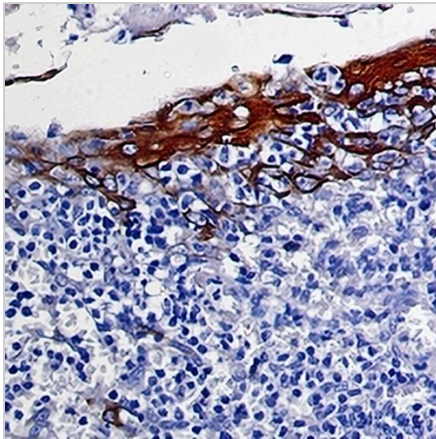
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**DATA**



Western blot analysis of Cytokeratin 10 expression in rat skin (A), mouse skin (B), CHOK1 (C) whole cell lysates. (Predicted band size: 59 kD; Observed band size: 59 kD)



Immunohistochemical analysis of Cytokeratin 10 staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

**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.