

DATASHEET

Cytokeratin 9 Mouse Monoclonal Antibody(C2811)

CAT. NO. AMA02423

KEY FEATURES

Target	Cytokeratin 9	Source / Host	Mouse
Reactivity	Human, Mouse, Rat	Clonality	Monoclonal
Applications	WB, IHC, FC	Conjugation	Unconjugated
Form / Buffer	Mouse IgG2b. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

May serve an important special function either in the mature palmar and plantar skin tissue or in the morphogenetic program of the formation of these tissues. Plays a role in keratin filament assembly.

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	1:100 - 1:500
FC	1:100 - 1:200

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

PRODUCT OVERVIEW

Description	Mouse monoclonal to Cytokeratin 9
Specificity	Recognizes endogenous levels of Cytokeratin 9 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human Cytokeratin 9 expressed in E. Coli
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 62 kD; Observed: 62 kD
Form/Buffer	Mouse IgG2b. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Keratin, type I cytoskeletal 9; Cytokeratin-9; CK-9; Keratin-9; K9
Gene Symbol	KRT9
Entrez Gene	3857(Human); 107656(Mouse); 266717(Rat)
SwissProt	P35527(Human); Q6RHW0(Mouse); Q8CIS9(Rat)

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

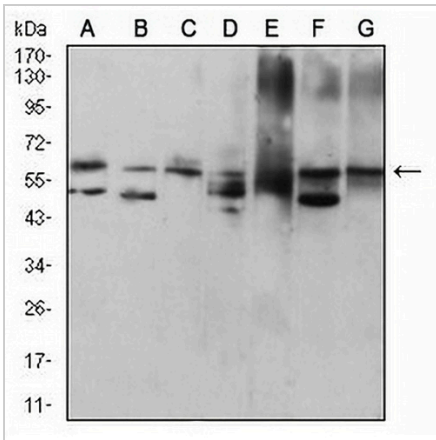
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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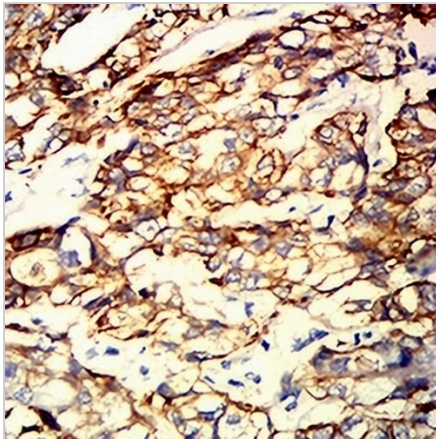
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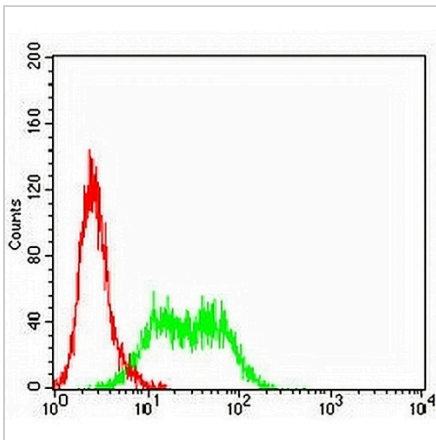
DATA



Western blot analysis of Cytokeratin 9 expression in HepG2 (A), MCF7 (B), NIH/3T3 (C), rat heart (D), mouse heart (E), Hela (F), HUVEC (G) whole cell lysates. (Predicted band size: 62 kD; Observed band size: 62 kD)



Immunohistochemical analysis of Cytokeratin 9 staining in human bladder cancer 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.



Flow cytometric analysis of A431 cells using Anti-Cytokeratin 9 Antibody (green) and negative control (red).

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.