

**DATASHEET**

**Cytokeratin 19 Mouse Monoclonal Antibody(C2807)**

CAT. NO. AMA02419

**KEY FEATURES**

Target	Cytokeratin 19	Source / Host	Mouse
Reactivity	Human, Rat	Clonality	Monoclonal
Applications	WB, IHC, FC	Conjugation	Unconjugated
Form / Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

**BACKGROUND**

Involved in the organization of myofibers. Together with KRT8, helps to link the contractile apparatus to dystrophin at the costameres of striated muscle.

**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 19
Specificity	Recognizes endogenous levels of Cytokeratin 19 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human Cytokeratin 19 expressed in E. Coli
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 44 kD; Observed: 47 kD
Form/Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Keratin, type I cytoskeletal 19; Cytokeratin-19; CK-19; Keratin-19; K19
Gene Symbol	KRT19
Entrez Gene	3880(Human); 360626(Rat)
SwissProt	P08727(Human); Q63279(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.

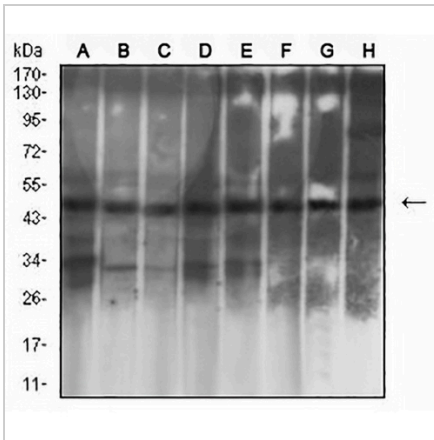
\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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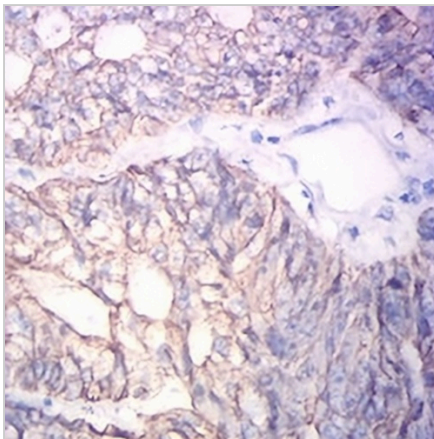
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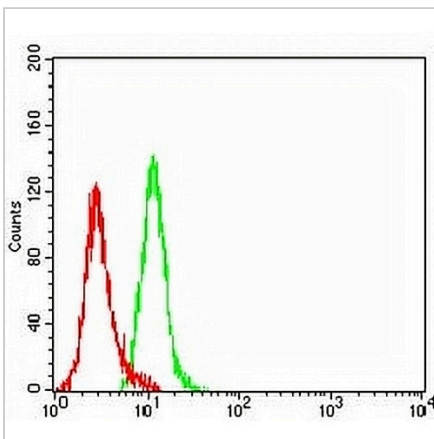
**DATA**



Western blot analysis of Cytokeratin 19 expression in T47D (A), MCF7 (B), HepG2 (C), SW620 (D), HT29 (E), HCT116 (F), PC12 (G), C6 (H) whole cell lysates. (Predicted band size: 44 kD; Observed band size: 47 kD)



Immunohistochemical analysis of Cytokeratin 19 staining in human colon 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 HeLa cells using Anti-Cytokeratin 19 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.