

## Anti-KRT6A Antibody (40729)

## Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	40729
Purification:	Affinity-chromatography

## Applications

Verified Activity:	1. Immunofluorescence staining of A549 with TMAH-00678 at 1:10, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 519-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).
	2. Overlay Peak curve showing Hela cells stained with TMAH-00678 (red line) at 1:50. The cells were fixed in 4% formaldehyde and permeated by 0.2% TritonX-100. Then 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1µg/1*10 <sup>6</sup> cells) for 45min at 4°C. The secondary antibody used was FITC-conjugated Goat Anti-rabbit IgG (H+L) at 1:200 dilution for 35min at 4°C. Control antibody (green line) was rabbit IgG (1µg/1*10 <sup>6</sup> cells) used under the same conditions. Acquisition of >10,000 events was performed.
Application:	ELISA, IF, FCM
Recommended	IF:1:50-1:200; FCM:1:50-1:200.

## Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	A synthetic peptide: Human KRT6A
Antigen Species:	Human
Gene ID:	3853
Uniprot ID:	P02538
Synonyms:	K6A KRT6D;K6A;CK-6D;Keratin;Cytokeratin-6A;type II cytoskeletal 6A;Keratin-6A;Type-II keratin Kb6;Cytokeratin-6D;KRT 6A;CK-6A
Biology Area:	Tags & Cell Markers, Signal transduction

## Research Background

Epidermis-specific type I keratin involved in wound healing. Involved in the activation of follicular keratinocytes after wounding, while it does not play a major role in keratinocyte proliferation or migration. Participates in the regulation of epithelial migration by inhibiting the activity of SRC during wound repair.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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