

## Anti-KRT20 Antibody (6P559)

## Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	6P559
Purification:	Affinity-chromatography

## Applications

1. IHC image of TMAH-00677 diluted at 1:50 and staining in paraffin-embedded human small intestine tissue performed on a Leica Bond<sup>TM</sup> system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.61% DAB.

Verified Activity: 2. Overlay Peak curve showing MCF-7 cells stained with TMAH-00677 (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,FCM,IHC

Recommended IHC: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 KRT20
Antigen Species:	Human
Gene ID:	54474
Uniprot ID:	P35900
Synonyms:	type I cytoskeletal 20;Protein IT;Keratin;K20;Keratin-20;CK-20;Cytokeratin-20;KRT 20
Biology Area:	Cancer, Signal transduction

## Research Background

Plays a significant role in maintaining keratin filament organization in intestinal epithelia. When phosphorylated, plays a role in the secretion of mucin in the small intestine.

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

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