

## Anti-DEFB1 Antibody (9U174)

## Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	9U174
Purification:	Affinity-chromatography

## Applications

Verified Activity:	Overlay Peak curve showing HepG2 cells surface stained with TMAH-00340 (red line) at 1:50. 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
Recommended	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 DEFB1
Antigen Species:	Human
Gene ID:	1672
Uniprot ID:	P60022
Synonyms:	β-Defensin 1;BD-1;BD1;HBD-1;Defensin Beta 1;Defensin β1;HBD1;DEFB1;Beta-Defensin 1
Biology Area:	Microbiology

## Research Background

Has bactericidal activity. May act as a ligand for C-C chemokine receptor CCR6. Positively regulates the sperm motility and bactericidal activity in a CCR6-dependent manner. Binds to CCR6 and triggers Ca<sup>2+</sup> mobilization in the sperm which is important for its motility.

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

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