

Anti-KLRG1 Antibody (3E456)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	3E456
Purification:	Affinity-chromatography

Applications

Verified Activity:	Overlay Peak curve showing A549 cells surface stained with TMAH-00673 (red line) at 1:100. The cells were incubated in 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody (1ug/1*10 ⁶ 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 (1ug/1*10 ⁶ 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 KLRG1
Antigen Species:	Human
Gene ID:	10219
Uniprot ID:	Q96E93
Synonyms:	MAFAL;MGC13600;CLEC15A;CLEC15AMAFAL-LIKE;MAFAL;KLRG1;2F1
Biology Area:	Immunology

Research Background

Plays an inhibitory role on natural killer (NK) cells and T-cell functions upon binding to their non-MHC ligands. May mediate missing self recognition by binding to a highly conserved site on classical cadherins, enabling it to monitor expression of E-cadherin/CDH1, N-cadherin/CDH2 and R-cadherin/CDH4 on target cells.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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