

# Anti-TNFSF14 hIgG4 Antibody

## Product information

GM-30127AB-10	10 µg
GM-30127AB-100	100 µg
GM-30127AB-1000	1 mg

## Antibody Information

Species Reactivity	Human
Clone	/
Source/Isotype	Monoclonal Human IgG4 /k
Application	Flow Cytometry
Specificity	Detects TNFSF14
Gene	TNFSF14
Other Names	LTg; CD258; HVEM; LIGHT
Gene ID	8740
Background	<p>Tumor necrosis factor superfamily member 14 (TNFSF14), also known as LIGHT, is a secreted protein of the TNF superfamily. The protein encoded by this gene is a member of the tumor necrosis factor (TNF) ligand family. This protein is a ligand for TNFRSF14, which is a member of the tumor necrosis factor receptor superfamily, and which is also known as a herpesvirus entry mediator (HVEM). Two alternatively spliced transcript variant encoding distinct isoforms have been reported. This protein may function as a costimulatory factor for the activation of lymphoid cells and as a deterrent to infection by herpesvirus. This protein has been shown to stimulate the proliferation of T cells, trigger apoptosis of various tumor cells and play a role in vascular normalisation processes. This protein is also reported to prevent tumor necrosis factor alpha-mediated apoptosis in primary hepatocytes.</p>
Storage	Store at 2-8°C short term (1-2 weeks). Store at ≤ -20°C long term. Avoid repeated freeze-thaw.
Formulation	Phosphate-buffered solution, pH 7.2.
Endotoxin	< 1 EU/mg, determined by LAL gel clotting assay

## Data Examples

Flow cytometry

The recommended usage range is 0.5-4  $\mu\text{g}$  per test. H\_LIGHT(TNFSF14) CHO-K1 Cell Line (Catalog # GM-C19158) was stained with Anti-TNFSF14 hIgG4 Antibody(Catalog # GM-30127AB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody.

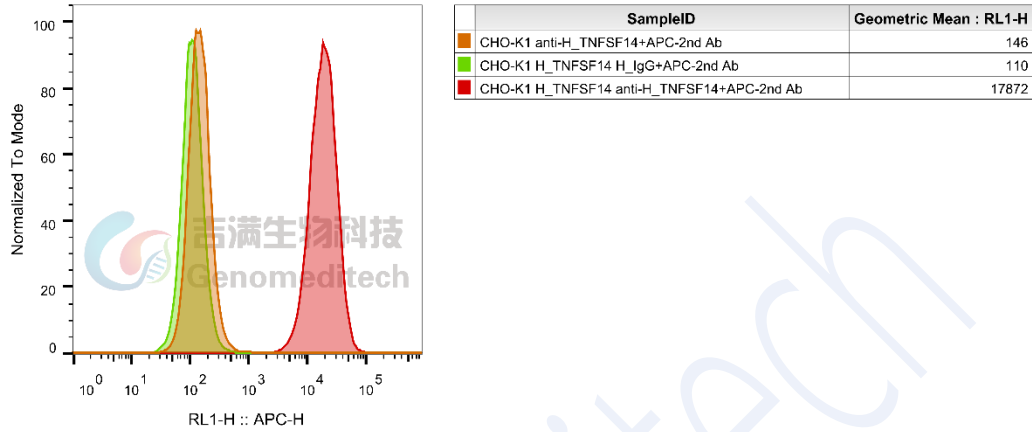


Fig 1. FACS