

## Anti-CLEC5A hIgG1 Antibody(DX-244)

### Product information

GM-88414AB-10	10 µg
GM-88414AB-100	100 µg
GM-88414AB-1000	1 mg

### Antibody Information

Species Reactivity	Human
Clone	DX-244
Source/Isotype	Human IgG1, Kappa
Application	Flow Cytometry
Target	Detects CLEC5A
Gene	CLEC5A
Other Names	CLECSF5, MDL-1, MDL1
Gene ID	23601 (human)
Background	The CLEC5A gene encodes a member of the c-type lectin domain family 5(also known as MDL-1) , a type II transmembrane protein that localizes to the cell membrane, it is mainly expressed in myeloid cells such as monocytes, macrophages, and neutrophils, and it is also highly expressed in lung tissue and vascular endothelium, which acts as a key pattern recognition receptor, it is required to bind to the adaptor protein Dap12 to activate the Syk downstream signaling pathway, which mediates the innate immune response and inflammatory signaling, the protein encoded by this gene can form a multivalent heterologous complex by binding to various pathogenic ligands such as viruses and bacteria with low affinity, triggering proinflammatory cytokine release and inflammasome activation.
Storage	Store at 2-8°C short term (1-2 weeks).Store at ≤ -20°C long term. Avoid repeated freeze-thaw.
Formulation	Supplied as a 0.2 µm filtered solution of PBS, pH 7.2-7.4.
Endotoxin	< 1 EU/mg, determined by LAL gel clotting assay

## Data Examples

Flow cytometry

H\_CLEC5a CHO-K1 Cell Line (Catalog # GM-C25936) was stained with Anti-CLEC5A hlgG1 Antibody(DX-244) (Catalog # GM-88414AB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody.

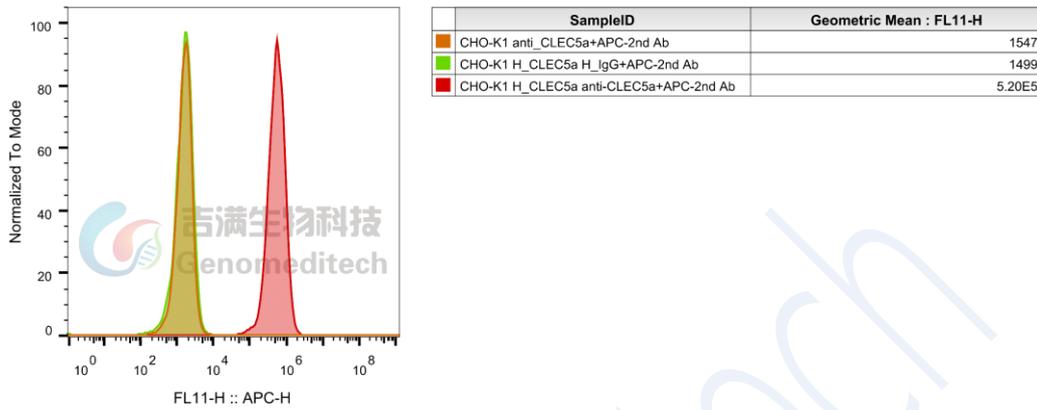


Fig. FACS