

## Anti-C5aR hlgG1 Antibody(avdoralimab)

### Product information

GM-52596AB-10	10 µg
GM-52596AB-100	100 µg
GM-52596AB-1000	1 mg

### Antibody Information

Species Reactivity	Human
Clone	avdoralimab
Source/Isotype	Human IgG1,Kappa
Application	Flow Cytometry
Target	Detects C5aR
Gene	C5aR
Other Names	C5AR, C5R1, CD88
Gene ID	728 (human)
Background	<p>Avdoralimab is a monoclonal antibody targeting C5AR1(complement C5A receptor 1) , which inhibits the hyperactivation of the complement system by blocking the binding of C5A to C5aR1, thus inhibiting the activation of C5AR1, reduces inflammation and the recruitment of immune cells (e. g. neutrophil, monocyte) and the release of proinflammatory cytokines. As C5AR1 antagonists, their research background has focused on the regulation of complement-mediated inflammatory pathways, and the role of C5AR1 antagonists in the regulation of inflammatory responses, demonstrated therapeutic potential in diseases such as rheumatoid arthritis, psoriasis, asthma, autoimmune uveitis, sepsis, acute lung injury (such as COVID-19 severe pneumonia) , and bullous pemphigoid.</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 7.2-7.4.
Endotoxin	< 1 EU/mg, determined by LAL gel clotting assay

## Data Examples

Flow Cytometry

H\_C5AR1 CHO-K1 Cell Line (Catalog # GM-C43843) was stained with Anti-C5aR hlgG1 Antibody(avdoralimab) (Catalog # GM-52596AB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody.

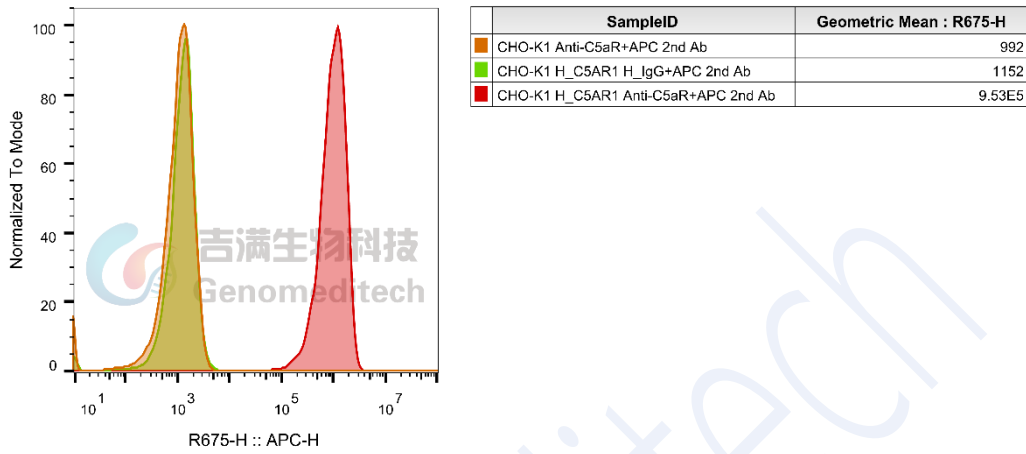


Fig. FACS