

Anti-CD200R hlgG4 Antibody(I-4P)

Product information

GM-48237AB-10	10 µg
GM-48237AB-100	100 µg
GM-48237AB-1000	1 mg

Antibody Information

Species Reactivity	Human; Cynomolgus
Clone	I-4P
Source/Isotype	Monoclonal Human IgG4 /k
Application	Flow Cytometry
Specificity	Detects CD200R.
Gene	CD200R
Other Names	CD200R1, HCRTR2, MOX2R, OX2R
Gene ID	Q8TD46-1 (Human); A0A2K5WLV7-1 (Cynomolgus)
Background	CD200R is expressed on the surface of myeloid cells and CD4+ T cells. It interacts with CD200 transmembrane glycoprotein that can be expressed on variety of cells including neurons, epithelial cells, endothelial cells, fibroblasts, and lymphoid cells. This gene encodes a receptor for the CD200 membrane glycoprotein. Both the receptor and substrate are cell surface glycoproteins containing two immunoglobulin-like domains. This receptor is restricted to the surfaces of myeloid lineage cells and the receptor-substrate interaction may function as a myeloid downregulatory signal. Mouse studies of a related gene suggest that this interaction may control myeloid function in a tissue-specific manner.
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 µg per test. H_CD200R1 CHO-K1 Cell Line (Catalog # GM-C24720) was stained with Anti-CD200R hlgG4 Antibody (Catalog # GM-48237AB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody.

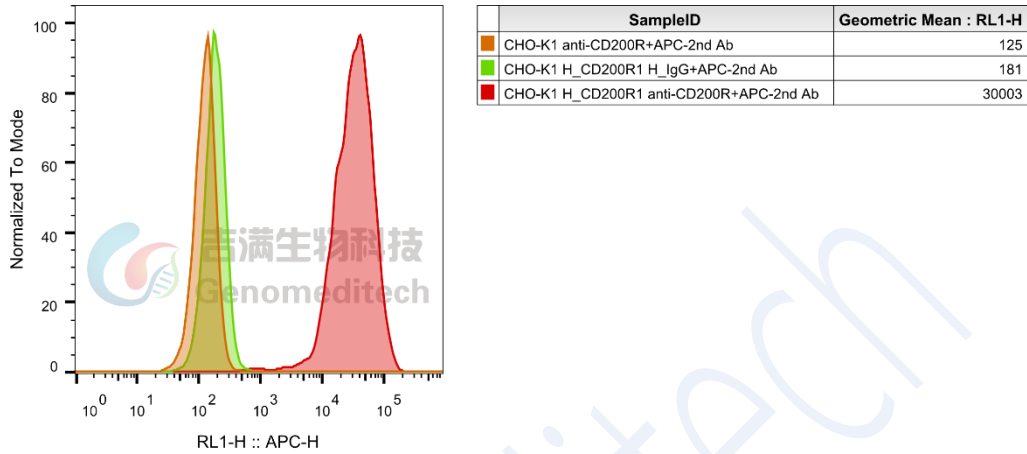


Fig 1. FACS

Flow cytometry

The recommended usage range is 0.5-4 µg per test. Cynomolgus_CD200R1 CHO-K1 Cell Line (Catalog # GM-C25976) was stained with Anti-CD200R hlgG4 Antibody (Catalog # GM-48237AB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody.

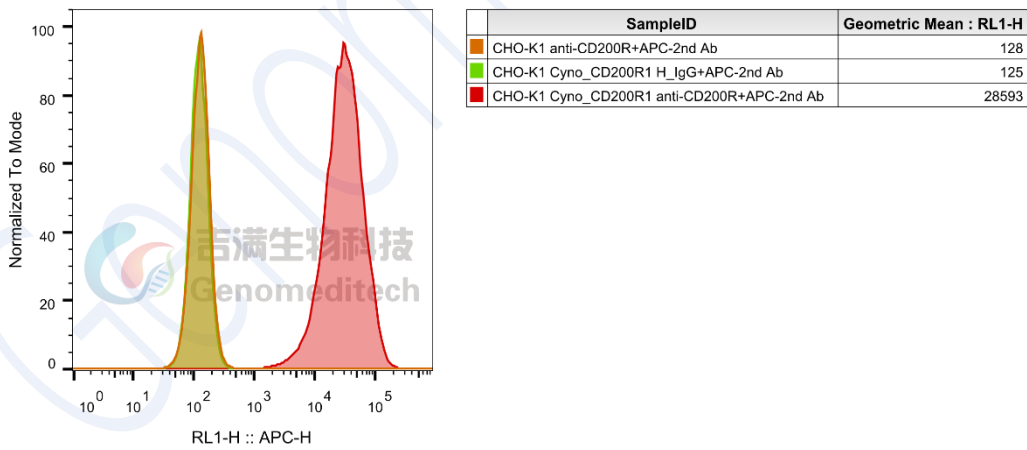


Fig 2. FACS