Leader in Biomolecular Solutions for Life Science

www.abclonal.com

PE/Cyanine7 Rabbit anti-Mouse CD44

Catalog No.: A27521

Basic Information

Observed MW

Calculated MW
86kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Mouse

CloneNo number
ARC63783

Conjugate
PE-Cy7. Ex:565nm. Em:778nm.

Background

Enables hyaluronic acid binding activity and type II transforming growth factor beta receptor binding activity. Contributes to cytokine binding activity and cytokine receptor activity. Involved in several processes, including negative regulation of T cell activation; positive regulation of protein phosphorylation; and regulation of intracellular signal transduction. Acts upstream of or within several processes, including Wnt signaling pathway; morphogenesis of a branching epithelium; and wound healing involved in inflammatory response. Located in basolateral plasma membrane; external side of plasma membrane; and microvillus. Part of macrophage migration inhibitory factor receptor complex. Is expressed in several structures, including alimentary system; branchial arch; central nervous system; genitourinary system; and limb. Human ortholog(s) of this gene implicated in breast carcinoma (multiple); carcinoma (multiple); and prostate cancer. Orthologous to human CD44 (CD44 molecule (Indian blood group)).

Recommended Dilutions

FC	5 µl per 10^6 cells in 100 µl volume

Immunogen Information

Gene ID
12505

Swiss Prot
P15379

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
Ly-24; Pgp-1; HERMES

Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Product Information

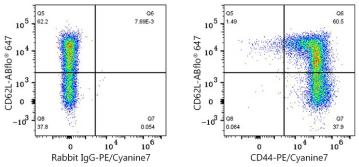
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃

Validation Data



Flow cytometry:1X10^6 C57BL/6 mouse splenocytes were surface-stained with ABflo® 647 Rabbit anti-Mouse CD62L mAb (A26716,5 µl/Test) and PE/Cyanine7 Rabbit IgG isotype control (5 µl/Test,left) or PE/Cyanine7 Rabbit anti-Mouse CD44 mAb (A27521,5 µl/Test,right).