Recombinant Mouse SLAMF3 (C-6His)

货号: RB91EPT151

gui_ge

50ug

biao_da_su_zhu

Human Cells

biao_qian

C-6His

fen_zi_liang

47 KDa

biao_guan_fen_zi_liang

65-75 KDa, reducing conditions

xing_tai

Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.

chun_du

Greater than 95% as determined by reducing SDS-PAGE.

nei_du_su_shui_ping

Less than 0.1 ng/μg (1 EU/μg) as determined by LAL test.

rong_jie_fang_fa

Always centrifuge tubes before opening.Do not mix by vortex or pipetting.
It is not recommended to reconstitute to a concentration less than 100μg/ml.
Dissolve the lyophilized protein in distilled water.
Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

chu_cun_fang_fa

Lyophilized protein should be stored at < -20° C, though stable at room temperature for 3 weeks.
Reconstituted protein solution can be stored at 4-7° C for 2-7 days.
Aliquots of reconstituted samples are stable at < -20° C for 3 months.

yun_shu_tiao_jian

The product is shipped at ambient temperature.
Upon receipt, store it immediately at the temperature listed below.

bei_jing_shuo_ming

CD229(SLAMF3) is a type I transmembrane glycoprotein in the SLAM subgroup of the CD2 family. Mature mouse CD229 consists of a 406 aa extracellular domain (ECD) with two Ig-like V-set and two Ig-like truncated C2-set domains, a 21 aa transmembrane segment, and a 180 aa cytoplasmic domain with two immunoreceptor tyrosinebased switch motifs ITSMs. Within the first two Ig-like domains that are common to all SLAM proteins, mouse CD229 shares 22%-36% aa sequence identity with mouse 2B4, BLAME, CD2F10,CD84, CRACC, NTBA, and SLAM. CD229 is expressed on T, B, and NK cells, thymocytes and monocytes. Homophilic binding between CD229 molecules is mediated by the N-terminal Ig-like domain. Human and mouse CD229 exhibit crossspecies binding. Antigen stimulation of lymphocytes induces CD229 clustering to sites of T cell-B cell contact. Antibody ligation of CD229 can inhibit T cell activation, but CD229 knockout mice show impaired T cell immune responses, suggesting a potential role for CD229 in T cell activation or costimulation.

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