Recombinant Mouse CD5 (C-6His)

货号: RB91EPT051

gui_ge

50ug

biao_da_su_zhu

Human Cells

biao_qian

C-6His

fen_zi_liang

38.9 KDa

biao_guan_fen_zi_liang

42-58 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

CD5 is a transmembrane glycoprotein of the conserved scavenger receptor cysteine-rich (SRCR) superfamily and expressed on thymocytes, peripheral T cells and a subset of B cells (B1-a). Moreover, CD5 also was found expressed in small lymphocytic lymphoma, hairy cell leukaemia and mantle cell lymphoma cells. The long cytoplasmic tail of CD5 has no intrinsic enzymatic activity, but contains four tyrosine phosphorylation sites, including an immunoreceptor tyrosine-based (ITAM)-like motif (pseudo-ITAM) and an immunoreceptor tyrosine-based inhibitory (ITIM)-like motif (pseudo-ITIM), as well as multiple potential serine and threonine phosphorylation sites. It physically associates with the T cell antigen receptor (TCR) and B cell antigen receptor (BCR), where it negatively modulates the activation and differentiation signals transduced by these receptors. CD5 also plays an important role in protection from activation-induced cell death and in the recognition of pathogen associated molecular patterns (PAMPS) present on fungal surfaces.

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