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Eight commonly used adhesion molecules

Immunoglobulin superfamily

CD4、CD8、CD22

CTLA-4、CAM-1

CD28、CD80、CD86

Integrin, Selectin

P-Selectin、E-Selectin

Cadherin family

Integrin β 1、E-cadherin

Interleukin & Hot inflammatory factors

✔ Mouse IL-6(Interleukin-6) ELISA Kit

Sensitivity: 3.2 pg/mL 、 Detection Range: 7.82-500pg/mL CV < 5%

✔ Mouse IL-8(keratinocyte-derived Cytokine KC) ELISA Kit

Sensitivity: 5.5 pg/mL 、 Detection Range: 15.63-1000pg/mL CV < 7%

✔ Introduction of Mouse KC(IL-8) :

Mouse KC, Mouse keratinocyte derived Cytokine, also known as CXCL1 or N51, was initially identified from fibroblasts as the Immediate early gene induced by PDGF, it encodes a secreted protein of about 8kDa. According to the protein sequence of Mouse KC, it belongs to the alpha(CXC) chemokine family. In addition to mitogen-activated fibroblasts, KC can also induce expression on bacteria or LPS-stimulated peritoneal and pulmonary macrophages, endothelial cells, and vascular smooth muscle cells. Studies have shown that glucocorticoids can inhibit the induction of mitogen expression of KC. The Mouse KC's cDNA encodes a precursor protein with 96 amino acid residues, and 19 amino acid residues at the N-terminal are clipped to produce a mature KC protein with 77 amino acid residues. The protein sequence of Mouse KC has 63% sequence identity with MIP-2, another alpha chemokine. Similar to other alpha chemokines, Mouse KC is a strong inducer and activator of neutrophils. The biological activity of Mouse KC and MIP-2 is mediated by a unique mouse IL-8 receptor. Mouse IL-8R shares 71% and 68% sequence identity with human IL-8RB and IL-8Ra, respectively. Since no IL-8 homologue has been identified in mouse, MIP-2 and KC are considered to be functionally similar to IL-8 as major pro-inflammatory alpha-chemokines in mouse.