

## Human CD44s-hlgG4

Cat No.: 03-01-0403

Product Name: Human CD44s-hlgG4

Description: CD44, also referred as HCAM (homing cell adhesion

molecule), Pgp-1 (phagocytic glycoprotein-1), Hermes

antigen, lymphocyte homing receptor, ECM-III, and

HUTCH-1, is a cell-surface glycoprotein mediating cell-cell

and cell-matrix interactions through its affinity for HA, and

possibly also through its affinity for other ligands such as

osteopontin, collagens, and matrix metalloproteinases

(MMPs). As a receptor for hyaluronic acid, its interaction with

HA plays an important role in cell migration, tumor growth

and progression. CD44 is expressed in a large number of

mammalian cell types. The standard isoform, designated

CD44s, comprising exons 1?5 and 16?20 is expressed in

most cell types. CD44 splice variants containing variable

exons are designated CD44v. Some epithelial cells also

express a larger isoform (CD44E), which includes exons

v8?10.Experiments in animals have shown that targeting of

CD44 by antibodies, antisense oligonucleotides, and

CD44-soluble proteins markedly reduces the malignant

activities of various neoplasms, stressing the therapeutic

potential of anti-CD44 agents.

Type: Protein

Property: Recombinant Protein

Source: HEK293

Genbank No.: P16070 (aa.21-649)

Applications: ELISA, WB, Immunogen

Formulation: Each vial contains 50ug purified protein(1mg/ml) in

PBS(pH7.4).

Purity: >95%

Storage: Store at -80°C, Avoid freeze / thaw cycle.

Limitation: For research use only, not for use in diagnostic procedures.