Human CD44v-hIgG4

Cat No.:	03-01-0411
Product Name:	Human CD44v-hIgG4
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
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.