



Human CD44s-hIgG4

Cat No.: 03-01-0403

Product Name: Human CD44s-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 8-10. 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.