



## Human CD44v

Cat No.: 03-01-0410

Product Name: Human CD44v

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.



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|---------------|-----------------------------------------------------------------|
| 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.    |