



Mouse CD44s-mIgG1

Cat No.: 03-01-0405

Product Name: Mouse CD44s-mIgG1

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.



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| Type: | Protein |
| Property: | Recombinant Protein |
| Source: | HEK293 |
| Genbank No.: | P15379 (aa.23-685) |
| 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. |