

Anti-CD44 Rabbit Polyclonal Antibody

Cat: AC51535

Basic information

Source: Rabbit

Swiss Prot: P16070

Species reactivity: Human Mouse Rat

Gene ID:960

Isotype: IgG

Tested applications: WB IF IP

Purification: Affinity purification

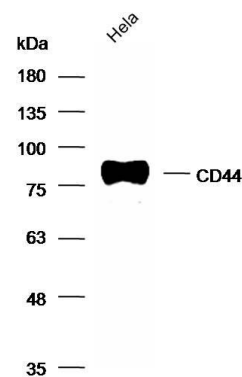
Immunogen: Recombinant protein of human CD44

MW(kDa):3/15/32-53/73-81kDa

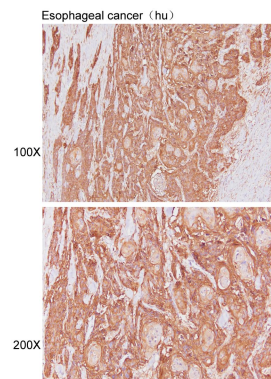
Storage: Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Background:

The protein encoded by this gene is a cell-surface glycoprotein involved in cell-cell interactions, cell adhesion and migration. It is a receptor for hyaluronic acid (HA) and can also interact with other ligands, such as osteopontin, collagens, and matrix metalloproteinases (MMPs). This protein participates in a wide variety of cellular functions including lymphocyte activation, recirculation and homing, hematopoiesis, and tumor metastasis. Transcripts for this gene undergo complex alternative splicing that results in many functionally distinct isoforms, however, the full length nature of some of these variants has not been determined. Alternative splicing is the basis for the structural and functional diversity of this protein, and may be related to tumor metastasis.



Western blot analysis with Anti- CD44 Rabbit Polyclonal Antibody diluted at 1:1,000



Immunohistochemistry of paraffin-embedded esophageal cancer (hu) using Anti- CD44 Rabbit Polyclonal Antibody at dilution of 1:100 (x100 lens、x200 lens).