

CD44(ready to use) Mouse mAb

Catalog Number: BH0185

Target Protein: CD44(ready to use)

Form: Liquid

Host: Mouse

Clonality: Monoclonal

Clone No.: 5G3

Isotype: IgG2b

Applications: IHC-P, IHC-F, IF, ICC/IF

Reactivity: Human

Predicted MW: 85 kDa

Entrez Gene: 960

Swiss Prot: P16070

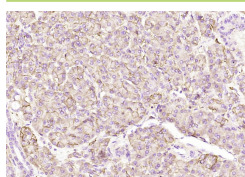
Purification: affinity purified by Protein G

Storage: 0.01M PBS (pH7.4) with 1% BSA and 0.02% Proclin300.

Store at 2-8°C for one year. Avoid repeated freeze/thaw cycles.

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. [provided by RefSeq, Jul 2008].

VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (human pancreatic cancer); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CD44) Monoclonal Antibody, Unconjugated (BH0185) overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructions and DAB staining.