

BH0185**[Primary Antibody]****BioSS**
ANTIBODIES

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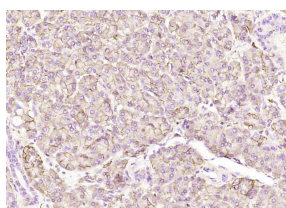
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400-901-9800

CD44(ready to use) Mouse mAb**— DATASHEET —**

Host: Mouse	Isotype: IgG2b	Applications: IHC-P IHC-F IF ICC/IF Reactivity: Human Predicted MW.: 85 kDa Subcellular Location: Cell membrane
Clonality: Monoclonal	CloneNo.: 5G3	
GeneID: 960	SWISS: P16070	
Target: CD44(ready to use)		
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.