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**Anti- Human CD44 Monoclonal Antibody (Biotinylated)**

CATALOG NUMBER: CD-044mb, 100 µg

<b>Introduction</b>	<p>The CD44 antigen is a cell-surface glycoprotein involved in cell–cell interactions, cell adhesion and migration.</p> <p>CD44 is a receptor for hyaluronic acid and also interacts with other ligands, such as osteopontin, collagens, and matrix metalloproteinases. CD44 participates in a wide variety of cellular functions such as lymphocyte activation, recirculation and homing, hematopoiesis, and tumor metastasis.</p> <p>CD44 and CD49d are putative activity markers and CD44 a potential novel therapeutic target in multiple sclerosis. Increased CD44 antigen is associated with relapses in non-small cell lung cancers.</p>
<b>Applications</b>	Flow Cyt, IHC, IP, maybe used for other applications.
<b>Description</b>	Biotinylated mouse anti-human CD44 monoclonal antibody.
<b>Immunogen</b>	Purified human peripheral blood leucocyte CD44+ T cells.
<b>Specificity</b>	Reacts with human CD44.
<b>Purification</b>	Ion exchange column.
<b>Isotype</b>	mouse IgG1.
<b>Storage</b>	Store at -20 °C; Stable for at least 1 month from the date of shipment at 4 °C.
<b>Concentration</b>	1 µg/µl in PBS.
<b>Size</b>	100 µg
<b>Usage</b>	This product does not contain livestock or poultry disease agents, non-toxic/non contagious and is not intended for human use, only for laboratory research and development.

