

## Monoclonal Antibody to CD44v4 - FITC

<b>Alternate names:</b>	CD44, CDw44, ECMR-III, Epican, Extracellular matrix receptor-III, GP90 lymphocyte homing/adhesion receptor, HUTCH-I, Heparan sulfate proteoglycan, Hermes antigen, Hyaluronate receptor, LHR, MDU2, MDU3, MIC4, PGP-1, Phagocytic glycoprotein I
<b>Catalog No.:</b>	SM1111F
<b>Quantity:</b>	100 Tests
<b>Concentration:</b>	0.1mg/ml
<b>Background:</b>	<p>CD44 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). CD44 participates in a wide variety of cellular functions including lymphocyte activation, recirculation and homing, hematopoiesis, and tumor metastasis. Transcripts for CD44 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.</p> <p>CD44 variant 4 may influence the progression of colorectal cancer.</p>
<b>Uniprot ID:</b>	<a href="#">P16070</a>
<b>NCBI:</b>	<a href="#">NP_000601.3</a>
<b>GeneID:</b>	<a href="#">960</a>
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Clone:</b>	VFF-11
<b>Immunogen:</b>	Human CD44v4.
<b>Format:</b>	<p><b>State:</b> Liquid purified IgG</p> <p><b>Buffer System:</b> Tris buffered saline containing 0.02% Sodium Azide and 1% Bovine Serum Albumin</p> <p><b>Label:</b> FITC – Fluorescein Isothiocyanate Isomer 1</p>
<b>Applications:</b>	<p>Flow cytometry.</p> <p>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.</p>
<b>Specificity:</b>	<p>This antibody specifically recognises an epitope encoded by exon v4 on the variant portion of CD44.</p> <p><b>Species:</b> Human.</p> <p>Other species not tested.</p>

**For research and in vitro use only. Not for diagnostic or therapeutic work.**

Material Safety Datasheets are available at [www.acris-antibodies.com](http://www.acris-antibodies.com) or on request.

Antibody Hotline - Technical Questions - Antibody Location Service  
Free Call: 0800-2274746 (Germany only) - [www.acris-antibodies.com](http://www.acris-antibodies.com)

**Storage:**

Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.  
Avoid repeated freezing and thawing.  
This product is photosensitive and should be protected from light.  
Shelf life: one year from despatch.

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