

Polyclonal Antibody to CD44 - Aff - Purified

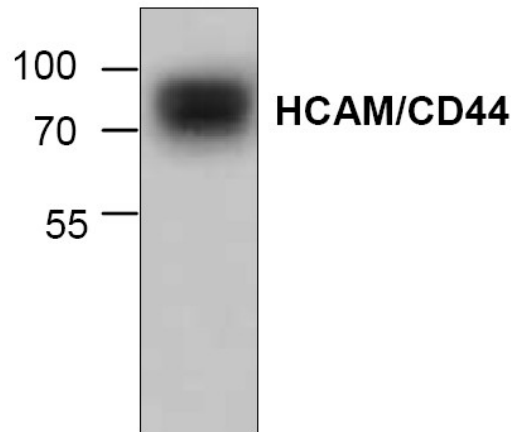
Alternate names:	CDw44, ECMR-III, Epican, Extracellular matrix receptor III, GP90 lymphocyte homing/adhesion receptor, HUTCH-I, Heparan sulfate proteoglycan, Hermes antigen, Hyaluronate receptor, LHR, MDU2, MDU3, MIC4, PGP-1, Phagocytic glycoprotein 1
Catalog No.:	AP00142PU-N
Quantity:	0.1 mg
Concentration:	0.2 mg/ml
Background:	Cell adhesion molecules (CAMs) are a family of closely related cell surface glycoproteins involved in cell-cell interactions during growth and are thought to play an important role in embryogenesis and development. The CAM family includes NCAM (neuronal cell adhesion molecule), ICAM (intracellular adhesion molecule), PECAM (platelet/endothelial cell adhesion molecule), BLCAM (produced by alternative splicing of the CD22 gene), VCAM (vascular cell adhesion molecule), and HCAM(homing cell adhesion molecule, also designed CD44), etc.
Uniprot ID:	P16070
NCBI:	9606
GeneID:	960
Host:	Rabbit
Immunogen:	Synthetic peptide surrounding amino acid 39 of Human HCAM/CD44
Format:	State: Liquid purified Ig fraction Purification: Protein A Chromatography Buffer System: Phosphate-buffered saline (PBS) containing 50% Glycerol, 1% BSA and 0.02% Thimerosal
Applications:	Western blot: 1-4 µg/ml. Immunoprecipitation: 20 µg/ml. Immunohistochemistry: 20 µg/ml. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	The antibody recognizes HCAM/CD44. Species: Human, Mouse, Rat. Other species not tested.
Storage:	Store at -20°C. For longer storage freeze at -20°C to -70°C. Avoid repeated freeze/thaw cycles. Shelf life: One year from despatch.

For research and in vitro use only. Not for diagnostic or therapeutic work.
Material Safety Datasheets are available at www.acris-antibodies.com or on request.

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

General Readings: 1. Hosono K, Nishida Y, Knudson W, Knudson CB, Naruse T, Suzuki Y, et al. Hyaluronan oligosaccharides inhibit tumorigenicity of osteosarcoma cell lines MG-63 and LM-8 in vitro and in vivo via perturbation of hyaluronan-rich pericellular matrix of the cells. *Am J Pathol.* 2007 Jul;171(1):274-86. PubMed PMID: 17591972.

Pictures: Western blot analysis of HCAM/CD44 using mouse small intestine tissue lysate.



Recommended Control Peptides: AP00142CP-N