

CD44 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP01505
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from human CD44
Mol wt	81554
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	IHC-p, WB
Concentration	1 mg/ml
Full name	CD44 Antibody
Synonyms	CD44 antigen (CDw44) (Epican) (Extracellular matrix receptor III) (ECMR-III) (GP90 lymphocyte homing/adhesion receptor) (HUTCH-I) (Heparan sulfate proteoglycan) (Hermes antigen) (Hyaluronate receptor)

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The protein encoded by CD44 (CD44 molecule (Indian blood group)) 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 CD44 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.

Recommended Dilution

WB: 1: 500 - 2000

IHC-p: 1: 50 - 200

Not yet tested in other applications.

Images

No images.

Storage

-20°C for one year