



Anti-CD44 (aa 734-738) polyclonal antibody (DPABH-13406)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the immunoglobulin superfamily. The encoded protein is a ligand of the T lymphocyte CD2 protein, and functions in adhesion and activation of T lymphocytes. The protein is localized to the plasma membrane. Alternatively spliced transcript variants have been described.
Immunogen	Synthetic peptide conjugated to KLH, surrounding amino acids (Q-N-V-D-M) 734-738 of Human CD44(v3-v10) (NP_000601.3).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	100 µl
Buffer	pH: 7.40; Constituents: 49% PBS, 50% Glycerol, 0.88% Sodium chloride. Note: PBS (without Mg ²⁺ and Ca ²⁺)
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Stable for 12 months at -20°C

GENE INFORMATION

Gene Name	CD44 CD45 molecule (Indian blood group) [Homo sapiens]
Official Symbol	CD44
Synonyms	CD44; CD44 molecule (Indian blood group); IN; LHR; MC56; MDU2; MDU3; MIC4; Pgp1; CDW44; CSPG8; HCELL; HUTCH-I; ECMR-III; CD44 antigen; epican; Hermes antigen; hyaluronate receptor; phagocytic glycoprotein 1; heparan sulfate proteoglycan; cell surface glycoprotein CD44; extracellular matrix receptor III; chondroitin sulfate proteoglycan 8; GP90 lymphocyte homing/adhesion receptor; hematopoietic cell E- and L-selectin ligand; homing function and Indian blood group system;
Entrez Gene ID	960
Protein Refseq	NP_000601.3
UniProt ID	P16070
Pathway	Cell surface interactions at the vascular wall; Degradation of the extracellular matrix; ECM-receptor interaction; Epstein-Barr virus infection
Function	collagen binding; hyaluronic acid binding; hyaluronic acid binding; hyaluronoglucosaminidase activity