
CD44 (HI44a) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250968

Unit: 0.1 mg

Description:

The CD44 (HI44a) antibody recognizes a highly glycosylated 80-90 kDa type-I transmembrane cell surface protein, which is the receptor for hyaluronic acid, also called phagocytic glycoprotein-1 (Pgp-1). CD44 antigen is widely expressed on most cell types including leukocytes, erythrocytes, endothelial cells and epithelial cells, but not on platelets. CD44 is involved in leukocyte attaching and rolling on endothelial cells, homing to peripheral lymphoid organs and sites of inflammation, and leukocyte aggregation.

Isotype: mouse IgG2a

Applications: E, FC, IHC

Species Reactivity: H

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: CD44; CD44 antigen; Phagocytic glycoprotein I; PGP-I; HUTCH-I; Extracellular matrix receptor III; ECMR-III; GP90 lymphocyte homing/adhesion receptor; Hermes antigen; Hyaluronate receptor; Heparan sulfate proteoglycan; Epican; CDw44

Accession No.: P16070

Application Notes: Purified antibody is suitable for immunohistochemistry with acetone-fixed frozen sections. E: 1:500-1:1,000; FC: 1:200-1:1,000; IHC: 1:200-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.