

## CD44 (8E2F) Antibody

**Subcategory:** Mouse Monoclonal Antibody

**Cat. No.:** 252831

**Unit:** 0.1 ml

**Description:**

CD44 is a receptor for hyaluronic acid and can also interact with other ligands, such as osteopontin, collagens and matrix metalloproteinases (MMPs). CD44 function is controlled by its posttranslational modifications. One critical modification involves discrete sialofucosylations rendering the selectin-binding glycoform of CD44 called HCELL (for Hematopoietic Cell E-selectin/L-selectin Ligand). The HCELL glycoform was originally discovered on human hematopoietic stem cells and leukemic blasts, and was subsequently identified on cancer cells.

**Isotype:** Mouse IgG1

**Applications:** E, FC, IF, IHC, WB

**Species Reactivity:** H, M

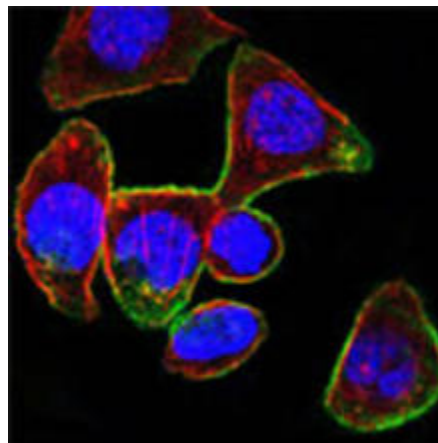
**Format:** Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.

**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

**Antigen:** Purified recombinant fragment of human CD44 (628-699) expressed in *E. coli*.

**Application Notes:** E: 1:10000; WB: 1:500-1:2000; IHC: 1:200-1:1000; IF: 1:200-1:1000; FC: 1:200-1:400



**Confocal immunofluorescence analysis of PANC-1 cells using CD44 (8E2F) Antibody (Cat. No. 252831) (green). Red, actin filament. Blue, nuclei.**

**Storage:** Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

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