

## Anti-CD44 [064-003] Bulk Size Ab04137-23.0-BT

**Isotype and Format:** Rabbit IgG, Lambda

**Clone Number:** 064-003

**Alternative Name(s) of Target:** CDw44; CD44 antigen; Epican; Extracellular matrix receptor III; ECMR-III; GP90 lymphocyte homing/adhesion receptor; HUTCH-I; Heparan sulfate proteoglycan; Hermes antigen; Hyaluronate receptor; Phagocytic glycoprotein 1; PGP-1; Phagocytic glycoprotein I; PGP-I

**UniProt Accession Number of Target Protein:** P16070

**Published Application(s):** ADCC

**Published Species Reactivity:** Human

**Immunogen:** The original antibody was isolated by panning a phage display library against CD44.

**Specificity:** The antibody is specific for CD44. CD44 is a transmembrane protein belonging to a hyaladherin family. It is a hyaluronic acid receptor. The CD44 molecule is expressed in almost all the cells and tissues. However, in general, it is not expressed in the platelet, liver cell, cardiac muscle, uridiferous tubule epithelium, testis, and skin.

**Application Notes:** The IgG1 format of the antibody specifically bound to the cancer cells expressing CD-44 (PC-14) and expresses the ADCC activity (US9388249B2).

**Antibody First Published in:** [PMID:](#)

**Note on publication:**

## Product Form

**Size:** 1 mg Purified antibody in bulk size.

**Purification:** Protein A affinity purified

**Supplied In:** PBS only.

**Storage Recommendation:** Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.