

Anti-CD44v6 [2F10]

Catalogue number: 151573

Sub-type: Primary antibody

Images:

Contributor

Inventor: David Simmons

Institute: University of Oxford

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-CD44v6 [2F10]

Alternate name: CD44 Molecule; Hematopoietic Cell E- And L-Selectin Ligand; GP9 Lymphocyte Homing/Adhesion Receptor; Chondroitin Sulfate Proteoglycan 8; Extracellular Matrix Receptor III; Heparan Sulfate Proteoglycan; Phagocytic Glycoprotein; Hyaluronate Receptor; Hermes Antigen; ECMR-III; HUTCH-I; Epican; CDW44; MDU2; MDU3; MIC4; LHR; Cell Surface Glycoprotein CD44; Phagocytic Glycoprotein I; Soluble CD44; CSPG8; HCELL; PGP-1; MC56; Pgp1

Class: Monoclonal

Conjugate: Unconjugated

Description: CD44 is an integral cell membrane glycoprotein that binds to hyaluronan and is involved in matrix adhesion, lymphocyte activation, and lymph node homing. The CD44 protein is expressed as a family of molecular isoforms generated from alternative RNA splicing and posttranslational modifications.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: CD44v3-10-Fc Human chimeric fusion protein

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:
Formulation:
Recommended controls:
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: CD44v3-10-Fc

Target alternate names:

Target background: CD44 is an integral cell membrane glycoprotein that binds to hyaluronan and is involved in matrix adhesion, lymphocyte activation, and lymph node homing. The CD44 protein is expressed as a family of molecular isoforms generated from alternative RNA splicing and posttranslational modifications.

Molecular weight:

Ic50:

Applications

Application: FACS ; IHC ; IP ; WB

Application notes:

Handling

Format: Liquid

Concentration:

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: PBS with 0.02% azide

Storage conditions: -80° C

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Nagano et al. 2004. Cancer Sci. 95(12):930-5. PMID: 15596040. ; Lynch et al. 2004. Nat Rev Immunol. 4(12):931-40. PMID: 15573128. ; Consequences of regulated pre-mRNA splicing in the immune system. ; Mechanism and biological significance of CD44 cleavage. ; Murakami et al. 2003. Oncogene. 22(10):1511-6. PMID: 12629514. ; Presenilin-dependent gamma-secretase activity mediates the intramembranous cleavage of CD44. ; Ponta et al. 2003. Nat Rev Mol Cell Biol. 4(1):33-45. PMID: 12511867. ; CD44: from adhesion molecules to signalling regulators. ; Yu et al. 1996. J Biol Chem. 271(34):20603-7. PMID: 8702806. ; A new alternatively spliced exon between v9 and v10 provides a molecular basis for synthesis of soluble CD44. ; Fox et al. 1994. Cancer Res. 54(16):4539-46. PMID: 7519124. ; Normal human tissues, in addition to some tumors, express multiple different CD44 isoforms. ; Screatton et al. 1992. Proc Natl Acad Sci U S A. 89(24):12160-4. PMID: 1465456. ; Genomic structure of DNA encoding the lymphocyte homing receptor CD44 reveals at least 12 alternatively spliced exons.

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