

Anti-CD44v3 [3G5]

Catalogue number: 151575

Sub-type: Primary antibody

Images:

Contributor

Inventor:

Institute: University of Oxford

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-CD44v3 [3G5]

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: Monoclonal antibody directed against a marker of tumour metastasis.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG2b

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: Human chimeric fusion protein CD44v3-10-Fc

Immunogen UNIPROT ID: P16070

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. CD44 is expressed on multiple cell types and is involved in multiple functions including cell-cell interactions and cell-extracellular matrix binding. The CD44 protein is expressed as a family of molecular isoforms generated from alternative RNA splicing and posttranslational modifications. This antibody recognizes an epitope encoded by exon v3 on the variant portion of human CD44.

Molecular weight:

Ic50:

Applications

Application: ELISA ; FACS ; IHC ; IP ; WB

Application notes:

Handling

Format: Liquid

Concentration: 1 mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: PBS with 0.02% azide

Storage conditions: Store at -20° C frozen. Avoid repeated freeze / thaw cycles

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Zen et al. 2008. PLoS One. 3(3):e1826. PMID: 18350162. ; Assimakopoulos et al. 2002. Histol Histopathol. 17(4):1269-81. PMID: 12371152. ; 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.

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