

PE anti-human CD44 variant 5 (CD44v5) Recombinant Antibody

Catalog# / Size	387205 / 25 tests 387206 / 100 tests
Clone	QA20A79
Regulatory Status	RUO
Other Names	CD44 isoform v5, CD44 exon10
Isotype	Mouse IgG1, κ
Description	CD44v5, also known as CD44 isoform 5, is a CD44 isoform containing exon10. CD44 is an adhesion molecule involved with multiple functions, including lymphocyte activation, cell-matrix interactions particularly hyaluronic acid, and as a marker of effector memory T-Cells. CD44v5 may be an indicator for tumor presence and progression in certain cancers, such as colon, thymus, breast, and prostate.

Product Details

Verified Reactivity	Human
Antibody Type	Recombinant
Host Species	Mouse
Formulation	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and BSA (origin USA)
Preparation	The antibody was purified by affinity chromatography and conjugated with PE under optimal conditions.
Concentration	Lot-specific (to obtain lot-specific concentration and expiration, please enter the lot number in our Certificate of Analysis online tool.)
Storage & Handling	The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.
Application	FC - Quality tested
Recommended Usage	Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis . For flow cytometric staining, the suggested use of this reagent is 5 μ L per million cells in 100 μ L staining volume or 5 μ L per 100 μ L of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.
Excitation Laser	Blue Laser (488 nm) Green Laser (532 nm)/Yellow-Green Laser (561 nm)
RRID	AB_3675114 (BioLegend Cat. No. 387205) AB_3675114 (BioLegend Cat. No. 387206)

Antigen Details

Structure	Glycoprotein
Distribution	Epithelial cancers, subset of lymphocytes, subset of monocytes
Cell Type	Epithelial cells, Lymphocytes, Thymocytes
Biology Area	Cancer Biomarkers, Cell Adhesion
Molecular Family	Adhesion Molecules

Antigen References

1. Barclay AN, *et al.* 1997. The Leukocyte Antigen FactsBook Academic Press.
2. Haynes BF, *et al.* 1991. *Cancer Cells*. 3:347-50.
3. Naor D, *et al.* 1997. *Adv Cancer Res*. 71:241-319.
4. Lee S, *et al.* 2003. *Ann of Thorac Surg*. 76:213-8.

Gene ID [960](#)

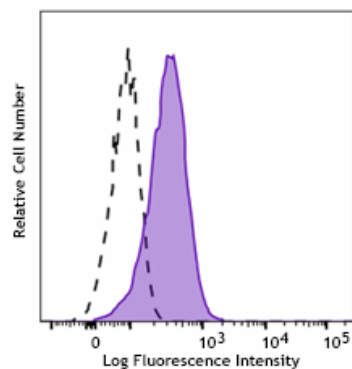
Related Protocols

- [Cell Surface Flow Cytometry Staining Protocol](#)

Other Formats

Purified anti-human CD44 variant 5 (CD44v5) Recombinant Antibody, PE anti-human CD44 variant 5 (CD44v5) Recombinant Antibody, APC anti-human CD44 variant 5 (CD44v5) Recombinant Antibody

Product Data



Human prostate cancer cell line, PC-3, cells were stained with anti-human CD44 variant 5 (CD44v5) recombiant (clone QA20A79) PE (filled histogram) or mouse IgG1, κ PE isotype control (open histogram).

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