

CD19 (C-429)

Type	Size	Catalog number
Unconjugated	100µg	124001
	500µg	124003
iFluor™ 488	25 tests	1240114
	100 tests	1240115
	200 tests	1240116

❖ iFluor is a trademark of AAT Bioquest, Inc.

Antigen:	CD19
Immunogen:	Recombinant full-length human CD19 protein
Host/Isotype:	Mouse, IgG1,κ
Reactivity:	Human
Purity:	>90% pure tested via polyacrylamide gel electrophoresis (PAGE)
Formulation:	PBS, pH7.2, 0.09%NaN ₃ (unconjugated, Biotin) PBS, pH7.2, 0.09% NaN ₃ and 0.2% (w/v) BSA (conjugated)
Storage:	Store at 2-8°C and protected from prolonged exposure to light. Do not freeze.
Applications:	Flow Cytometry

Application Information

Each lot of these antibodies has been pre-titrated and tested by flow cytometric analysis of human PBMCs such that 0.5µg (unconjugated, Biotin) or 5µl (conjugated) of these products are sufficient for staining 1 million cells in a 100µl staining volume or 100µl of whole blood. It is recommended to titrate antibody reactivity empirically for optimal performance.

Antigen Information

The clone C-429, a mouse monoclonal antibody specifically recognizes a 95-kDa human type I transmembrane glycoprotein antigen known as CD19. It is a member of the immunoglobulin superfamily and expressed on B cells in all maturation and activation stages. CD19 is not expressed in resting or activated T lymphocytes, granulocytes, or monocytes in normal health condition. CD19 plays important role in the development, activation, and differentiation of B cells through forming a CD21/CD19/CD81 B cell receptor complex.

References

1. Tedder TF, et al. 1994. Immunol. Today 15:437.
2. Bradbury L, et al. 1993. J. Immunol. 151:2915.
3. Loken MR, et al. 1987. Blood. 70:1316.
4. Mongini PK, et al. 2003. J. Immunol. 171:5244.

Terms and Conditions

This product is for research use only (RUO) and not intended for diagnostic testing.