

CD10 (FR4D11)

Type	Size	Catalog number
unconjugated	100µg	103901
	500µg	103903
FITC	25 tests	103914
	100 tests	103915
	200 tests	103916
PE	25 tests	103924
	100 tests	103925
	200 tests	103926
APC	25 tests	103944
	100 tests	103945
	200 tests	103946
PE-Cyanine 7	25 tests	103984
	100 tests	103985
	200 tests	103986
PerCP-Cyanine 5.5	25 tests	103964
	100 tests	103965
	200 tests	103966
Biotin	100µg	103951

Antigen:	CD10
Immunogen:	Raji cells
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) 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 REH cell line 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

CD10 also known as common acute lymphoblastic leukemia antigen (CALLA), is a 100 kDa protein that has neutral metalloendopeptidase activity and inactivates a variety of biologically active peptides. CD10 is a type II cell surface glycoprotein typically expressed on acute lymphoblastic leukemias (ALL). Normal, healthy precursors of B and T cells and granulocytes also express CD10. CD10 plays important role in the development process of B cell in germinal centers.

References

1. Gary G.M, et al 1999. American J. Pathology, 154:77-82.
2. Jian Song et al 2004. The Prostate, 58:394-405
3. Kuijpers TW, et al 1991. Blood, 78:1105-1111.
4. Brown, B. et al 1975, J. Natl. Canc. Inst 55:1281-1289.
5. Tran-Paterson, R et al, 1990, Blood, 76:775-782.

Terms and Conditions

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