
CD10 (FR4D11)**Analyte Specific Reagent (ASR)***

Type	Number of tests	Volume per test (μL)	Total volume (μL)	Catalog number
FITC	50	5	250	4039012
	100	5	500	4039015

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 and biotin conjugated) 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, IHC

Antigen Information

The clone FR4D11, a mouse monoclonal antibody recognizes a 100 kDa protein that has neutral metalloendopeptidase activity and inactivates a variety of biologically active peptides known as CD10. It is also known as common acute lymphoblastic leukemia antigen (CALLA). 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 cells the in germinal center.

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.

*Analyte Specific Reagent. The analytical and performance characteristics of this ASR product are not established.