

Product datasheet for **TA386359**

CD10 (MME) Rabbit Monoclonal Antibody [Clone ID: FR4D11]

Product data:

Product Type:	Primary Antibodies
Clone Name:	FR4D11
Applications:	FC, IF, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG, kappa
Clonality:	Monoclonal
Immunogen:	This antibody was raised by immunizing mice with Raji cells.
Specificity:	<p>FR4D11 antibody recognizes CD10. It is a cell surface enzyme with neutral metalloendopeptidase activity, which inactivates a variety of biologically active peptides. CD10 is expressed on the cells of lymphoblastic, Burkitt's, and follicular germinal center lymphomas, and on cells from patients with chronic myelocytic leukemia (CML).</p> <p>FR4D11 antibody can be used to identify and analyse neprilysin (CD10) via various techniques. For instance, it was utilized in the localization of neprilysin in human cerebral cortex via immunohistochemistry (Akiyama et al., 2001). This antibody was also used during a FACS analysis and phenotype characterization of Breast Cancer Stem Cells (BrCSCs) (Petrelli et al., 2015).</p>
Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.
Stability:	3 years from dispatch.
Gene Name:	membrane metallo-endopeptidase
Database Link:	Entrez Gene 4311 Human P08473



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Synonyms: atriopeptidase; CALLA; CD10; DKFZp686O16152; Enkephalinase; EPN; MGC126681; MGC126707; NEP; neprilysin

Note: This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Product images:



Western Blot using anti-CD10 antibody FR4D11 (TA386359) Daudi cell lysate (35 μ g protein in RIPA buffer) was resolved on a SDS PAGE gel and blots were probed with the chimeric rabbit version of FR4D11 (TA386359) at 2 μ g/ml before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence.