

Product datasheet for TA386359

OriGene Technologies, Inc.

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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: 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).

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).

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





CD10 (MME) Rabbit Monoclonal Antibody [Clone ID: FR4D11] – TA386359

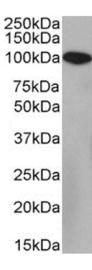
Synonyms: atriopeptidase; CALLA; CD10; DKFZp686O16152; Enkephalinase; EPN; MGC126681;

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.