

CD10 Antibody / Neprilysin [clone FR4D11] (V2716)

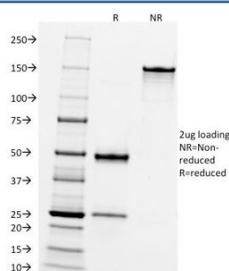
Catalog No.	Formulation	Size
V2716-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2716-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2716SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug



Citations (3)

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Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	FR4D11
Purity	Protein G affinity chromatography
UniProt	P08473
Localization	Cell surface, Cytoplasmic
Applications	Flow Cytometry : 1-2ug/10 ⁶ cells Immunofluorescence : 1-2ug/ml
Limitations	This CD10 antibody is available for research use only.



SDS-PAGE Analysis of Purified, BSA-Free CD10 Antibody (clone FR4D11).
Confirmation of Integrity and Purity of the Antibody.

Description

Recognizes a 100kDa glycoprotein, identified as CD10, also known as Common Acute Lymphocytic Leukemia Antigen

(CALLA) and Neprilysin. 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). It is also expressed on the surface of normal early lymphoid progenitor cells, immature B cells within adult bone marrow and germinal center B cells within lymphoid tissue. CD10 is also present on breast myoepithelial cells, bile canaliculi, fibroblasts, with especially high expression on the brush border of kidney and gut epithelial cells.

Application Notes

Optimal dilution of the CD10 antibody should be determined by the researcher.

Immunogen

Raji cells were used as the immunogen for the CD10 antibody.

Storage

Store the CD10 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).