

CD26 Antibody [clone 134-2C2] (V2482)

Catalog No.	Formulation	Size
V2482-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2482-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2482SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug



Citations (7)

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Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgM, kappa
Clone Name	134-2C2
Purity	PEG precipitation
UniProt	P27487
Localization	Cell surface
Applications	Flow cytometry : 0.5-1ug/10 ⁶ cells Immunofluorescence : 0.5-1ug/ml Immunohistochemistry (Frozen) : 0.5-1ug/ml for 30 min at RT
Limitations	This CD26 antibody is available for research use only.

Description

Recognizes a glycoprotein of 110kDa, identified as CD26. It is an atypical serine protease belonging to the prolyl oligopeptidase family. It is expressed on lymphocyte cells and is upregulated during T-cell activation. CD26 is also expressed on activated B cells and natural killer cells and abundantly on epithelia. CD26 is implicated in a variety of biological functions including T-cell activation, cell adhesion with extracellular matrix such as fibronectin or collagens, and in HIV infection.

Application Notes

Optimal dilution of the CD26 antibody should be determined by the researcher.

Immunogen

A synthetic peptide from the amino terminal region of the human protein was used as the immunogen for the CD26 antibody.

Storage

Store the CD26 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).