

CD26 Antibody [clone 202.36] (V2480)

Catalog No.	Formulation	Size
V2480-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2480-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2480SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug



Citations (6)

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Availability	1-3 business days
Species Reactivity	Human, Rat
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2b, kappa
Clone Name	202.36
Purity	Protein G affinity chromatography
UniProt	P27487
Localization	Cell surface
Applications	Flow Cytometry : 0.5-1ug/10 ⁶ cells Immunofluorescence : 0.5-1ug/ml
Limitations	This CD26 antibody is available for research use only.



Description

Recognizes a glycoprotein of 110kDa, identified as CD26 (Workshop VI; Code: N-L039). 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. Cross-linking of CD26 using this antibody dramatically enhances the anti-CD3-induced IL-2 production. In Western blotting, this mAb reacts with only glycosylated CD26, but not with the deglycosylated form. It does not prevent ADA binding to CD26.

Application Notes

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

Immunogen

A human T cell clone 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).