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)

Bulk quote request

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.

Explore our CD26 Antibody / DPP4 Antibody - Broad T Cell Activation and Enzyme Marker for a comprehensive overview of CD26 expression, function, and related antibody tools.

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).

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