

## **Product datasheet**

# anti-CD26 mouse monoclonal, EBS-CD-019, purified

#### Short overview

**Cat. No.** 691571

Quantity1 ml (100  $\mu$ g/ml)Concentration100  $\mu$ g/ml

#### **Product description**

HostMouseAntibody TypeMonoclonalIsotypeIgM kappaCloneEBS-CD-019

**Immunogen** Synthetic peptide from the amino terminal region of CD26

**Formulation** PBS with 0.02% sodium azide

UniprotID P27487 (Human)

Synomym Dipeptidyl peptidase 4, EC 3.4.14.5, ADABP, Adenosine deaminase complexing protein 2,

ADCP-2, Dipeptidyl peptidase IV, DPP IV, T-cell activation antigen CD26, TP103, CD antigen CD26 [Cleaved into: Dipeptidyl peptidase 4 membrane form, Dipeptidyl peptidase IV membrane form; Dipeptidyl peptidase 4 soluble form, Dipeptidyl peptidase IV soluble form], DPP4, ADCP2,

CD26

**Conjugate** Unconjugated

**Purification** Affinity chromatography

Storage 2-8°C

Intended use Research use only
Application FACS, ICC/IF, IHC, WB

Reactivity Human

#### **Applications**

 Flow Cytometry (FACS)
 0.5-1.0 μg/million cells in 0.1 ml

 Immunocytochemistry (ICC)
 1:100-1:200 (0.5-1.0 μg/ml)

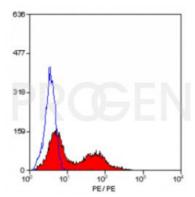
 Immunohistochemistry (IHC) - frozen
 1:50-1:100 (1-2 μg/ml)

 Western Blot (WB)
 1:50-1:100 (1-2 μg/ml)

### Background

EBS-CD-019 reacts with human CD26 (dipeptidyl peptidase IV), a 110 kDa protein which occurs in the cell membrane of T-lymphocyte and is upregulated after activation. CD26 is also present on endothelial cells and also expressed on inactivated 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.

## **Product images**



FACS with human peripheral blood lymphocytes (PBL)