

Product Information

Recombinant Anti-Human ITGA4+ITGB7 Antibody Fab Fragment

Cat. No.: **MOM-H75-F(P)**

This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Humanized (from mouse) Antibody Fab Fragment specifically binds to Human ITGA4+ITGB7, expressed in *E. coli*

Specific Activity

ITGA4_ITGB7(integrin alpha4 (CD49d)_beta7, integrin alpha4_beta7, integrin $\alpha 4\beta 7$, lymphocyte Peyer s patch adhesion molecule 1, LPAM-1) [Homo sapiens]

Target

ITGA4+ITGB7

Source

Humanized (from mouse)

Species Reactivity

Human

Type

Humanized (from mouse) Fab-IgG1 - kappa

Expression Host

E. coli

Purity

>95.0% as determined by analysis by RP-HPLC.

Purification

Purified by Nickel ion affinity chromatography

Applications

Suitable for use in FC, IP, ELISA, Neut, FuncS, IF and most other immunological methods.

Cellular Localization

kappa

Storage

Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze/thaw cycles.

BACKGROUND

Introduction

Integrins are transmembrane receptors that are the bridges for cell-cell and cell-extracellular matrix (ECM) interactions.

When triggered, integrins in turn trigger chemical pathways to the interior (signal transduction), such as the chemical composition and mechanical status of the ECM, which results in a response (activation of transcription) such as regulation of the cell cycle, cell shape, and/or motility; or new receptors being added to the cell membrane

Keywords

ITGA4; ITGB7; Integrin $\alpha 4\beta 7$; CD49d/ $\beta 7$