

Datasheet for ABIN2665230

anti-ITGA4 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	500 µg
Target:	ITGA4
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Application:	Flow Cytometry (FACS), Blocking Reagent (BR)

Product Details

Clone:	DATK32
Isotype:	IgG2a kappa
Purification:	The antibody was purified by affinity chromatography.

Target Details

Target:	ITGA4
Alternative Name:	LPAM-1 (ITGA4 Products)
Background:	DATK32 antibody is specific for a combinatorial determinate of integrin $\alpha 4 \beta 7$ complex. Integrin $\alpha 4 \beta 7$ is composed of a 150 kD ($\alpha 4$ or CD49d) and a 130 kD ($\beta 7$) heterodimer, also known as CD49d/ $\beta 7$ or LPAM-1. Belonging to the Ig superfamily, it is found on the majority of peripheral lymphocytes and subsets of thymocytes and bone marrow cells (including mast cell progenitors). Integrin $\alpha 4 \beta 7$ binds its ligands, VCAM-1 (CD106), MAdCAM-1 and fibronectin, and plays an important role in lymphocytes adhesion and the direction of migration of blood

Target Details

lymphocytes to the intestine and associated lymphoid tissues.

Pathways: [Integrin Complex](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 0.5 mg/mL

Buffer: Phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide.

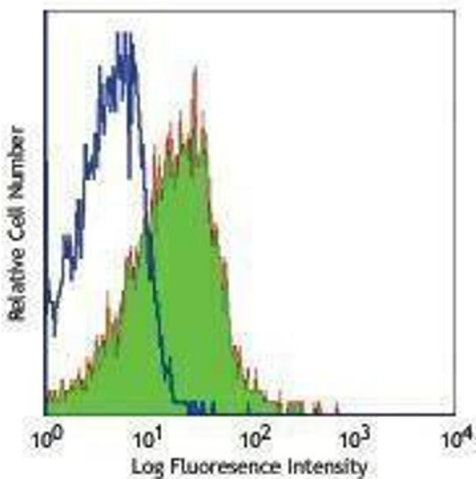
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Storage Comment: The antibody solution should be stored undiluted between 2°C and 8°C.

Images



Flow Cytometry

Image 1.