Anti-Mouse LPAM-1 In Vivo Antibody - Ultra Low Endotoxin

IVMB0090

Description

This Anti-Mouse LPAM-1 In Vivo Antibody - Ultra Low Endotoxin is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	IVMB0090
Contents:	1mg, 5mg, 25mg, 50mg, 100mg Bradford Reagent: 1 vial (2ml)
Synonyms:	α4β7 Integrin, CD49d/β7, LPAM-1, ITGA4, ITGB7
Category:	Monoclonal Antibody
Target:	LPAM-1
Clone:	DATK32
Isotype:	Rat IgG2a κ
Applications:	B FC IHC FF In Vivo IP
Specificity:	Clone DATK32 recognizes an epitope specific to the mouse LPAM-1 heterodimer.

Antibody Data

Reactivity:	Mouse
Host species:	Rat
Expression Host:	-
Immunogen:	TK1 cells

Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.

Product concentration:	≥ 5.0 mg/ml
Endotoxin Level:	<0.5 EU/mg as determined by the LAL method
Purity:	≥98% Monomer by analytical SEC, >95% by SDS Page
Formulation:	This monoclonal antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.2 - 7.4 with no carrier protein, potassium, calcium or preservatives added. Due to inherent biochemical properties of antibodies, certain products may be prone to precipitation over time. Precipitation may be removed by aseptic centrifugation and/or filtration.

Preparation & Storage

Storage:	Functional grade preclinical antibodies may be stored sterile as received at 2-8°C for up to one month. For longer term storage, aseptically aliquot in working volumes without diluting and store at ≤ -70°C. Avoid Repeated Freeze Thaw Cycles. Store Bradford Reagent at Room Temperature for 1 Year.
Shipping:	Next Day 2-8°C
Preparation:	Functional grade preclinical antibodies are manufactured in an animal free facility using in vitro cell culture techniques and are purified by a multi-step process including the use of protein A or G to assure extremely low levels of endotoxins, leachable protein A or aggregates.
Recommended Dilution Buffer:	In vivo Antibody Diluent pH 7.2

Recommended Usage:

Application	Recommended Usage
FC	The suggested concentration for this DATK32 antibody for staining cells in flow cytometry is ≤1.0 µg per 10^6 cells in a volume of 100 µl. Titration of the reagent is recommended for optimal performance for each application.

Protein Quantification (Optional):	To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol