

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

### Product Information

**Product SKU:**

IVMB0089

**Size:**

1mg, 5mg, 25mg, 50mg, 100mg

**Concentration:**

≥ 5.0 mg/ml

**Isotype:**

Rat IgG2a κ

**Host:**

Rat

**Clone:**

DATK32

**Category:**

Monoclonal Antibody

**Reactivity:**

Mouse

**Synonyms:**

α4β7 Integrin, CD49d/β7, LPAM-1, ITGA4, ITGB7

**Specificity:**

Clone DATK32 recognizes an epitope specific to the mouse LPAM-1 heterodimer.

**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.

**Endotoxin Level:**

< 1.0 EU/mg as determined by the LAL method

**Purity:**

≥95% monomer by analytical SEC · >95% by SDS Page

**Immunogen:**

TK1 cells

**Storage and Stability:**

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 -80°C. Avoid Repeated Freeze Thaw Cycles.

**Product Preparation:**

Functional grade preclinical antibodies are manufactured in an animal free facility using only In vitro protein free 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.

**Applications**

B, FC, IHC FF, IP

**Applications & Recommended Usage:**

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