

## Anti-Mouse/Human CD49d [PS/2] In Vivo Antibody - Ultra Low Endotoxin

### Product Information

**Product SKU:**

IVMB0277

**Size:**

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

**Concentration:**

> 5.0 mg/ml

**Isotype:**

IgG2b k

**Host:**

Rat

**Clone:**

PS/2

**Category:**

Monoclonal Antibody

**Reactivity:**

Mouse, Human

**Synonyms:**

VLA-4 $\alpha$ ; ITGA4, Integrin  $\alpha$ 4

**Specificity:**

PS/2 activity is directed against mouse CD49d and is cross reactive against human CD49d.

**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.

**Endotoxin Level:**

<0.5 EU/mg as determined by the LAL method

**Purity:**

>98% monomer by analytical SEC · >95% by SDS Page

**Immunogen:**

P815 DBA/2 murine mastocytoma cells.

**Storage and Stability:**

Functional grade preclinical antibodies may be stored sterile as received at 2-8&deg;C for up to one month. For longer term storage, aseptically aliquot in working volumes without diluting and store at -70&deg;C. Avoid Repeated Freeze Thaw Cycles.

**Product 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.

**Applications**

FA, FC, IHC, In Vivo, IP

**Applications & Recommended Usage:**

FA, FC, IHC, In Vivo, IP