

## Product Datasheet

**ITGA4 / VLA-4 / CD49d Antibody (Internal)**  
**(orb1534825)**

**Description**

ITGA4 / VLA-4 / CD49d Antibody

**Species/Host**

Rabbit

**Reactivity**

Human, Monkey, Mouse, Rat

**Conjugation**

Unconjugated

**Tested**

IHC, IHC-P

**Applications**
**Immunogen**

Synthetic 14 amino acid peptide from internal region of human ITGA4 / VLA-4. Percent identity with other species by BLAST analysis: Human (100%), Gorilla (100%), Gibbon (100%), Monkey (100%), Marmoset (100%), Mouse (100%), Rat (100%), Elephant (93%), Panda (93%), Dog (86%), Bat (86%), Bovine (86%), Rabbit (86%), Horse (86%), Pig (86%).

**Target**

ITGA4 / VLA-4 / CD49d

**Preservatives**

PBS, 0.1% Sodium Azide. PBS, 0.1% Sodium Azide

**Concentration**

1 mg/ml

**Storage**

Aliquot and store undiluted at -20°C or below for up to 1 year. Can be stored undiluted at 4°C for up to 1 month. Avoid freeze-thaw cycles.

**Note**

For research use only

**Application notes**

Further information:  
Immunohistochemistry: The unconjugated form was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for the unconjugated form was determined to be 10 - 20 ug/ml.