

## Rabbit polyclonal antibody to human Integrin alpha-4 (1014-1032): Affinity purified

<b>Catalogue No.:</b>	R-1565-100
<b>Description:</b>	Integrins are cell-surface proteins with important roles in cell adhesion, migration and cell surface mediated signalling. The integrin family contains at least 18 alpha and 8 beta subunits that form alpha/beta heterodimers. The integrin alpha-4 subunit is also known as CD49D. It associates with either beta-1 or beta-7 subunits to form receptors for fibronectin and VCAM1.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	A synthetic peptide corresponding to a region (1014-1032 aa) from human Integrin alpha-4. To enhance the immunological response, this peptide was coupled to carrier protein BSA.
<b>Other Names:</b>	Integrin alpha-IV; VLA-4; CD49 antigen-like family member D; CD49d antigen; TGA4; CD49D; ITGA4;
<b>Accession:</b>	P13612 ITA4_HUMAN;
<b>Produced in:</b>	Rabbit
<b>Purity:</b>	Affinity purified on antigen column
<b>Applications:</b>	Immunohistochemistry (IHC). A concentration of 1.0 ug/mL is recommended to detect the protein in formalin fixed and paraffin embedded tissues. Heat mediated antigen retrieval is required. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by IHC against the antigen.
<b>Cross-reactivity:</b>	Human; rat; expected to react with mouse;
<b>Form:</b>	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg Thimerosal, 0.05mg Na <sub>3</sub>
<b>Reconstitution:</b>	Reconstitute in sterile distilled water. Centrifuge to remove any insoluble material.
<b>Storage:</b>	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability and at 2-8C with an appropriate antibacterial agent. Avoid freeze-thaw cycles.
<b>Expiry Date:</b>	12 months after purchase

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