



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

Catalogue No.:	R-1565-100
Description:	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.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	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.
Other Names:	Integrin alpha-IV; VLA-4; CD49 antigen-like family member D; CD49d antigen; TGA4; CD49D; ITGA4;
Accession:	P13612 ITA4_HUMAN;
Produced in:	Rabbit
Purity:	Affinity purified on antigen column
Applications:	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.
Specificity:	The specificity of this antibody has been confirmed by IHC against the antigen.
Cross-reactivity:	Human; rat; expected to react with mouse;
Form:	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg Na ₃
Reconstitution:	Reconstitute in sterile distilled water. Centrifuge to remove any insoluble material.
Storage:	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.
Expiry Date:	12 months after purchase

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