

Integrin alpha 5 beta 1 Protein, Human (HEK293, His-Avi)

Cat. No.:	HY-P77718
Synonyms:	Integrin alpha 5 beta 1; VLA-5; ITGA5&ITGB1
Species:	Human
Source:	HEK 293
Accession:	P08648 (F42-Y995)&P05556 (Q21-D728)
Gene ID:	3678&3688
Molecular Weight:	100-140 kDa

PROPERTIES

Biological Activity	Immobilized Human ITGA5&ITGB1 at 1 µg/mL (100µL/Well) on the plate. Dose response curve for Anti-ITGA5&ITGB1 Antibody with the EC ₅₀ of 17.2 ng/mL determined by ELISA.
Appearance	Lyophilized powder.
Formulation	Lyophilized a 0.22 µm filtered solution of PBS, pH 7.4. Normally 5% trehalose is added as protectant before lyophilization.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

Caution: Product has not been fully validated for medical applications. For research use only.

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