

KO Validated Anti-Integrin Subunit Alpha 2 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody
Catalog # AGI2410

Product Information

Application	WB, FC
Primary Accession	P17301
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	25GB545
Calculated MW	129296
Gene Name	ITGA2
Aliases	ITGA2; Integrin Subunit Alpha 2; GPIa; VLAA2; HPA-5; CD49B; Integrin, Alpha 2 (CD49B, Alpha 2 Subunit Of VLA-2 Receptor); Very Late Activation Receptor Subunit Alpha-2; Alpha 2 Subunit Of VLA-2 Receptor; CD49 Antigen-Like Family Member B; Platelet Membrane Glycoprotein Ia; Human Platelet Alloantigen 5 2 3; Alpha 2 Integrin; Integrin Alpha-2; Glycoprotein Ia; Very Late Activation Protein 2 Receptor, Alpha-2 Subunit; Very Late Activation Receptor Alpha-2 Subunit; Human Platelet Alloantigen System 5; Platelet Glycoprotein GPIa; Platelet Antigen Br; VLA-2 Subunit Alpha; CD49b Antigen; VLA-2; BR
Immunogen	A synthesized peptide derived from human Integrin alpha 2

Additional Information

Gene ID	3673
Other Names	Integrin alpha-2, CD49 antigen-like family member B, Collagen receptor, Platelet membrane glycoprotein Ia, GPIa, VLA-2 subunit alpha, CD49b, ITGA2, CD49B

Protein Information

Name	ITGA2
Synonyms	CD49B
Function	Integrin alpha-2/beta-1 is a receptor for laminin, collagen, collagen C-propeptides, fibronectin and E-cadherin. It recognizes the proline-hydroxylated sequence G-F-P-G-E-R in collagen. It is responsible for adhesion of platelets and other cells to collagens, modulation of collagen and collagenase gene expression, force generation and organization of newly synthesized extracellular matrix. (Microbial infection) Integrin ITGA2:ITGB1 acts as a receptor for Human echoviruses 1 and 8.

Cellular Location

Membrane; Single-pass type I membrane protein.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.