



Sheep anti Human Platelet Glycoprotein IIb/IIIa polyclonal antibody (CABT-L518)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	This antibody is specific for GPIIb/IIIa as demonstrated by immunoelectrophoresis and ELISA.
Target	Platelet glycoprotein IIb/IIIa
Immunogen	Purified glycoprotein IIb/IIIa complex (GPIIb/IIIa) prepared from platelets.
Isotype	IgG
Source/Host	Sheep
Species Reactivity	Human
Conjugate	Unconjugated
Applications	IEP, ELISA
Format	Liquid
Concentration	10 mg/ml
Size	10 mg
Buffer	10 mM HEPES, pH 7.4, 150 mM NaCl, 50% (v/v) glycerol.
Preservative	None
Storage	Store between -10 and -20°C. Product will become viscous but will not freeze. Avoid storage in frost-free freezers. Keep vial tightly capped. Allow product to warm to room temperature and gently mix before use.

BACKGROUND

Introduction

Integrin alpha-IIb/beta-3 is a receptor for fibronectin, fibrinogen, plasminogen, prothrombin, thrombospondin and vitronectin. It recognizes the sequence R-G-D in a wide array of ligands. It recognizes the sequence H-H-L-G-G-G-A-K-Q-A-G-D-V in fibrinogen gamma chain. Following activation integrin alpha-IIb/beta-3 brings about platelet/platelet interaction through binding of soluble fibrinogen. This step leads to rapid platelet aggregation which physically plugs ruptured endothelial cell surface.

Keywords

ITGA2B;integrin, alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41);GT;GTA;CD41;GP2B;HPA3;CD41B;GPIIb;BDPLT2

GENE INFORMATION

Entrez Gene ID

[3674](#)

UniProt ID

[P08514](#)