

Datasheet for ABIN2469521

anti-CD11c antibody (Internal Region)[Go to Product page](#)**1** Image

Overview

Quantity:	0.05 mg
Target:	CD11c (ITGAX)
Binding Specificity:	Internal Region
Reactivity:	Human, Gorilla
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD11c antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen:	Integrin alpha X antibody was raised against a peptide located near the internal domain of Integrin alpha X (Human).
Specificity:	BLAST analysis of the peptide immunogen showed no homology with other human proteins, except TDO2 (57%).
Purification:	Immunoaffinity Chromatography

Target Details

Target:	CD11c (ITGAX)
Alternative Name:	Integrin alpha X (ITGAX Products)
Background:	ITGAX encodes the integrin alpha X chain. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This I-domain containing alpha integrin

Target Details

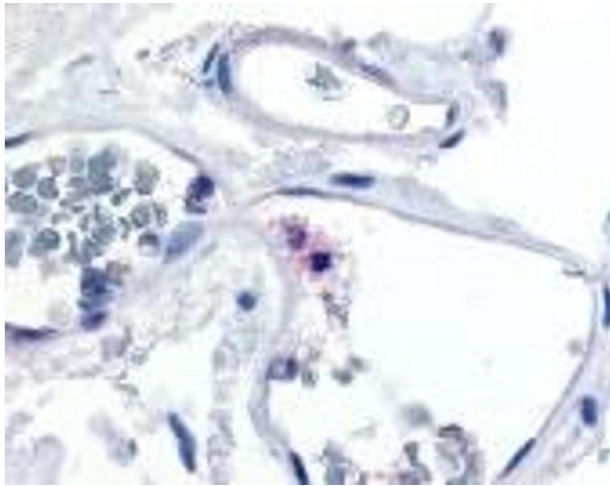
	combines with the beta 2 chain (ITGB2) to form a leukocyte-specific integrin referred to as inactivated-C3b (iC3b) receptor 4 (CR4). The alpha X beta 2 seems to broadly overlap the properties of the alpha M beta 2 integrin in adherence of neutrophils and monocytes to stimulated endothelium, and the phagocytosis of complement coated particles.
Gene ID:	3687
UniProt:	P20702
Pathways:	Complement System , Activated T Cell Proliferation , Integrin Complex

Application Details

Application Notes:	Integrin alpha X antibody can be used in ELISA, Western Blot starting at 1:500 - 1:1000, immunohistochemistry starting at 5 µg/mL, and immunoprecipitation
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS, 0.1 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	As with all antibodies avoid freeze/thaw cycles.
Storage:	4 °C/-80 °C
Storage Comment:	Integrin alpha X antibody should be stored long term (months) at -80 °C and short term (days) at 4 °C.



Immunohistochemistry

Image 1.