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Datasheet for ABIN5005492

anti-Integrin beta 7 antibody (AA 721-806) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	Integrin beta 7 (ITGB7)
Binding Specificity:	AA 721-806
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Integrin beta 7 antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from mouse Integrin beta 7
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat
Purification:	Purified by Protein A.

Target Details

Target:	Integrin beta 7 (ITGB7)
Alternative Name:	Integrin beta 7 (ITGB7 Products)

Target Details

Background: Synonyms: Ly69, Integrin beta-7, Integrin beta-P, M290 IEL antigen, Itgb7

Background: Integrin alpha-4/beta-7 (Peyer patches-specific homing receptor LPAM-1) is involved in adhesive interactions of leukocytes. It is a receptor for fibronectin and recognizes one or more domains within the alternatively spliced CS-1 region of fibronectin. Integrin alpha-4/beta-7 is also a receptor for MADCAM1 and VCAM1. It recognizes the sequence L-D-T in MADCAM1. Integrin alpha-E/beta-7 is a receptor for E-cadherin.

Gene ID: 16421

UniProt: [P26011](#)

Pathways: [Integrin Complex](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months