

Datasheet for ABIN677489

anti-Integrin alpha 1 antibody (AA 1001-1179) (Cy7)



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Overview

Quantity:	100 µL
Target:	Integrin alpha 1 (ITGA1)
Binding Specificity:	AA 1001-1179
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Integrin alpha 1 antibody is conjugated to Cy7
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Integrin alpha 1
Isotype:	IgG
Specificity:	This antibody may also detect integrin alpha L due to a 75 % non-contiguous sequence similarity in the corresponding immunogen region.
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Cow,Horse
Purification:	Purified by Protein A.

Target Details

Target:	Integrin alpha 1 (ITGA1)
Alternative Name:	Integrin alpha 1 (ITGA1 Products)
Background:	Synonyms: VLA1, CD49a, Integrin alpha-1, CD49 antigen-like family member A, Laminin and collagen receptor, VLA-1, ITGA1 Background: Integrin alpha-1/beta-1 is a receptor for laminin and collagen. It recognizes the proline-hydroxylated sequence G-F-P-G-E-R in collagen. Involved in anchorage-dependent, negative regulation of EGF-stimulated cell growth.
Gene ID:	3672
UniProt:	P56199
Pathways:	EGFR Signaling Pathway , CXCR4-mediated Signaling Events , Signaling of Hepatocyte Growth Factor Receptor , Integrin Complex

Application Details

Application Notes:	FCM 1:20-100 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