

Datasheet for ABIN7193953 **anti-Integrin alpha 1 antibody**



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Overview

Quantity:	100 µL
Target:	Integrin alpha 1 (ITGA1)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Integrin alpha 1 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), ELISA, Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Purpose:	ITGA1 Antibody
Immunogen:	Purified recombinant fragment of humanITGA1 (AA: extra(151-364)) expressed in E. Coli.
Clone:	2H4G10
Isotype:	IgG2a
Purification:	Purified antibody

Target Details

Target:	Integrin alpha 1 (ITGA1)
Alternative Name:	ITGA1 (ITGA1 Products)
Background:	This gene encodes the alpha 1 subunit of integrin receptors. This protein heterodimerizes with the beta 1 subunit to form a cell-surface receptor for collagen and laminin. The heterodimeric

Target Details

	receptor is involved in cell-cell adhesion and may play a role in inflammation and fibrosis. The alpha 1 subunit contains an inserted (I) von Willebrand factor type I domain which is thought to be involved in collagen binding. [provided by RefSeq, Jul 2008]
Molecular Weight:	130.8 kDa
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:	ELISA: 1/10000 FCM: 1/200 - 1/400 ICC: 1/200 - 1/1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified antibody in PBS with 0.05 % 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.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.