

Datasheet for ABIN1532905
anti-Integrin beta 3 antibody (AA 731-780)



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2 Images

Overview

Quantity:	100 µL
Target:	Integrin beta 3 (ITGB3)
Binding Specificity:	AA 731-780
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Integrin beta 3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human Integrin beta3.
Isotype:	IgG
Specificity:	Integrin beta3 Antibody detects endogenous levels of total Integrin beta3 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

Target Details

Target:	Integrin beta 3 (ITGB3)
Alternative Name:	Integrin Beta3 (ITGB3 Products)
Background:	Synonyms: CD61, GP3A, GPIIIa, integrin beta-3, ITB3, platelet membrane glycoprotein IIIa

Target Details

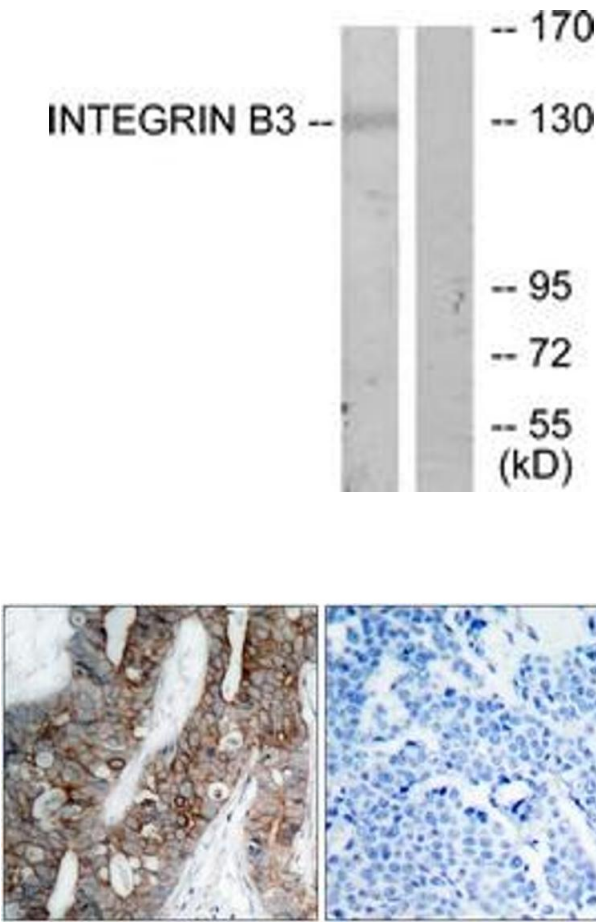
	NCBI Gene Symbol: ITGB3
Molecular Weight:	87 kDa
Gene ID:	3690
OMIM:	173470
UniProt:	P05106
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling , Signaling Events mediated by VEGFR1 and VEGFR2 , Smooth Muscle Cell Migration , Integrin Complex

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:20000
Comment:	Unigene-Number: Hs.218040 (NCBI Gene Symbol: ITGB3)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from HepG2 cells, using Integrin beta3 (Ab-773) Antibody. The lane on the right is treated with the synthesized peptide.

Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using Integrin beta3 (Ab-773) Antibody. The picture on the right is treated with the synthesized peptide.