

Datasheet for ABIN1531874

anti-Integrin beta 3 antibody (pTyr773)



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2 Images

Overview

Quantity:	100 µL
Target:	Integrin beta 3 (ITGB3)
Binding Specificity:	AA 739-788, pTyr773
Reactivity:	Human, Mouse, Rat
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 around the phosphorylation site of Tyr773.
Isotype:	IgG
Specificity:	Integrin beta3 (Phospho-Tyr773) Antibody detects endogenous levels of Integrin beta3 only when phosphorylated at Tyr773. PhosphorylationH:Y773 M:Y772 R:Y772
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

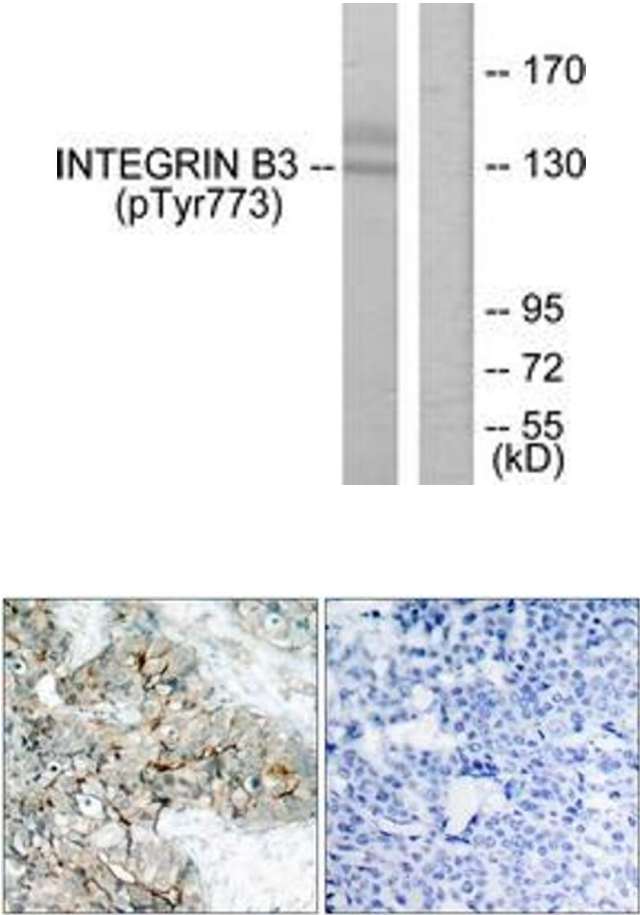
Target:	Integrin beta 3 (ITGB3)
Alternative Name:	Integrin Beta3 (ITGB3 Products)
Background:	Synonyms: CD61, GP3A, GPIIIa, integrin beta-3, ITB3, platelet membrane glycoprotein IIIa NCBI Gene Symbol: ITGB3
Molecular Weight:	87 kDa
Gene ID:	3690
OMIM:	173470
UniProt:	P05106
Pathways:	Regulation of G-Protein 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: 1:10000
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 Mg2+ and Ca2+), 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 HL-60 cells treated with H₂O₂, using Integrin beta3 (Phospho-Tyr773) Antibody. The lane on the right is treated with the synthesized peptide.

Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using Integrin beta3 (Phospho-Tyr773) Antibody. The picture on the right is treated with the synthesized peptide.