Product datasheet for TA384560

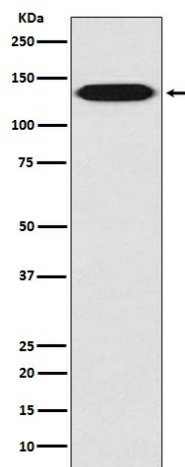## Integrin beta 1 (ITGB1) Rabbit Polyclonal Antibody

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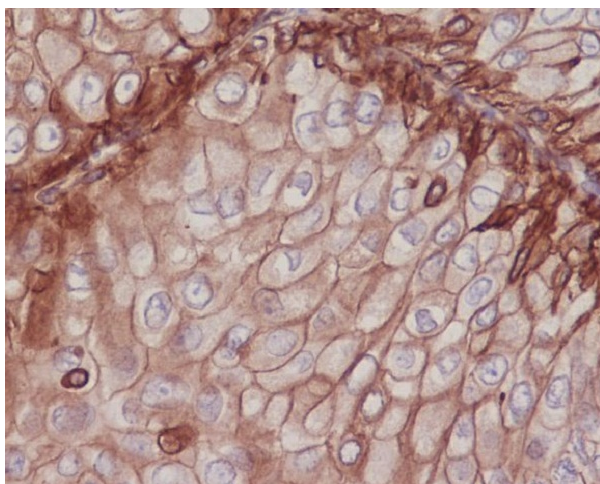
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 1/500-1/2000 IHC: 1/100-1/500
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthesized peptide derived from human Integrin beta 1
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Stability:	1 year
Predicted Protein Size:	140kDa
Gene Name:	integrin subunit beta 1
Database Link:	Entrez Gene 3688 Human P05556
Background:	Swiss-Prot Acc.P05556.Integrins are heterodimeric proteins made up of alpha and beta subunits. At least 18 alpha and 8 beta subunits have been described in mammals. Integrin family members are membrane receptors involved in cell adhesion and recognition in a variety of processes including embryogenesis, hemostasis, tissue repair, immune response and metatastatic diffusion of tumor cells. The protein encoded by this gene is a beta subunit. Six alternatively spliced variants have been found for this gene which encode five proteins with alternate carboxy termini.
Synonyms:	CD29; FNRB; GPIIA; MDF2; MSK12; VLA-BETA; VLAB

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Product images:

Western blot analysis of Integrin beta 1 in A431 lysates using Integrin beta 1 antibody.

Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Integrin beta 1 antibody.High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.