

Product datasheet for AP55727PU-N

Integrin beta 4 (ITGB4) pTyr1510 Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies Applications: IHC, WB Recommended Dilution: Western blot: 1:500~1:1000. Immunohistochemistry on paraffin sections: 1:50~1:100. **Reactivity:** Human, Mouse, Rat Host: Rabbit Polyclonal **Clonality:** Peptide sequence around phosphorylation site of tyrosine1510(R-D-Y(p)-S-T) derived from Immunogen: Human ITGB4 (KLH-conjugated) Specificity: The antibody detects endogenous levels of ITGB4 only when phosphorylated at tyrosine 1510. Formulation: Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol State: Aff - Purified State: Liquid Ig fraction **Concentration:** lot specific **Purification:** Affinity chromatography using epitope-specific peptide **Conjugation:** Unconjugated Upon receipt, store undiluted (in aliquots) at -20°C. Storage: Avoid repeated freezing and thawing. Stability: Shelf life: one year from despatch. **Predicted Protein Size:** 202 kDa Gene Name: integrin subunit beta 4 Database Link: Entrez Gene 3691 Human P16144 **Background:** Integrin alpha-6/beta-4 is a receptor for laminin. Plays a critical structural role in the hemidesmosome of epithelial cells. Is required for the regulation of keratinocyte polarity and motility. Synonyms: ITGB4, GP150



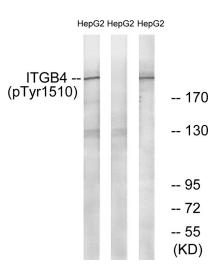
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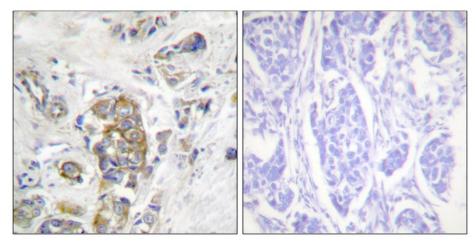
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Product images:



Western blot analysis of extracts from HepG2 cells treated with Na2VO3 using ITGB4 (Phospho-Tyr1510) Antibody.The lane on the right is treated with the antigen-specific peptide.



Immunohistochemical analysis of paraffinembedded human breast carcinoma tissue, using ITGB4 (Phospho-Tyr1510) antibody (left)or the same antibody preincubated with blocking peptide (right).

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