

## anti-Human, Mouse Integrin beta3 Antibody | anti-ITB3 antibody

Integrin beta3 (Phospho-Tyr773) Antibody

|                               |                                   |                                                                  |
|-------------------------------|-----------------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA267737</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------------------|------------------------------------------------------------------|

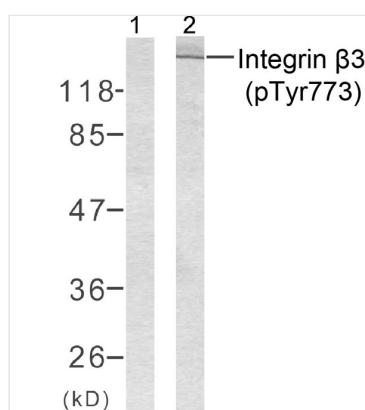
### PRODUCT SYNONYMS

Integrin beta3; Integrin beta3 (Phospho-Tyr773) Antibody; anti-ITB3 antibody

### PRODUCT SPECIFICATIONS

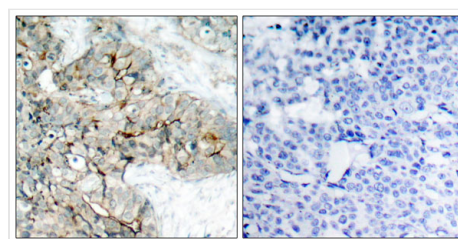
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|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                                     | Human, Mouse                                                                                                                                                                                                                                        |
| Specificity                                    | Integrin beta3 (phospho-Tyr773) antibody detects endogenous levels of Integrin beta3 only when phosphorylated at tyrosine 773.                                                                                                                      |
| Purity/Purification                            | Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site. |
| Form/Format                                    | In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                                                                                                      |
| Sequence Length                                | 788                                                                                                                                                                                                                                                 |
| Applicable Applications for anti-ITB3 antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                                                |
| Immunogen                                      | The antiserum was produced against synthesized phosphopeptide derived from human Integrin beta3 around the phosphorylation site of tyrosine 773 (P-L-YP-K-E).                                                                                       |
| Preparation and Storage                        | Store at -20 degree C for 1 year                                                                                                                                                                                                                    |

### IMAGES



#### WB (Western Blot)

Western blot analysis of extracts from HL-60 cells treated with H2O2, using Integrin beta3 (phospho-Tyr773) antibody.



#### IHC (Immunohistochemistry)

P-Peptide+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Integrin beta3 (phospho-Tyr773) antibody.

### ADDITIONAL INFORMATION

|            |                                                                                                                                                                               |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| References | Chandhoke SK, et al. (2004) J Cell Sci.117 (Pt 8): 1431-1441. Datta A, et al. (2002) J Biol Chem.277 (6): 3943-3949. Law DA, et al. (1996) J Biol Chem.271 (18): 10811-10815. |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| NCBI GI #                        | 47078292                                                       |
| NCBI GeneID                      | 3690                                                           |
| NCBI Accession #                 | NP_000203.2                                                    |
| NCBI GenBank Nucleotide #        | NM_000212.2                                                    |
| UniProt Accession #              | P05106; O15495; Q12806; Q13413; Q14648; Q16499; A0PJW2; D3DXJ8 |
| Molecular Weight                 | 86,694 Da                                                      |
| NCBI Official Full Name          | integrin beta-3                                                |
| NCBI Official Synonym Full Names | integrin subunit beta 3                                        |
| NCBI Official Symbol             | ITGB3                                                          |
| NCBI Official Synonym Symbols    | GT; CD61; GP3A; BDPLT2; GPIIIa; BDPLT16                        |
| NCBI Protein Information         | integrin beta-3                                                |
| UniProt Protein Name             | Integrin beta-3                                                |
| UniProt Gene Name                | ITGB3                                                          |
| UniProt Synonym Gene Names       | GP3A; GPIIIa                                                   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/itb3-human-mouse-antibody/integrin-beta3/267737>