

## Integrin Alpha3 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP04571
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the Internal region of human ITGA3. AA range:491-540
<b>Mol wt</b>	115610
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	Integrin alpha3 Antibody
<b>Synonyms</b>	ITGA3; MSK18; Integrin alpha-3; CD49 antigen-like family member C; FRP-2; Galactoprotein B3; GAPB3; VLA-3 subunit alpha; CD49c

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

ITGA3 (integrin subunit alpha 3) encodes a member of the integrin alpha chain family of proteins. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain that function as cell surface adhesion molecules. The encoded preproprotein is proteolytically processed to generate light and heavy chains that comprise the alpha 3 subunit. This subunit joins with a beta 1 subunit to form an integrin that interacts with extracellular matrix proteins including members of the laminin family. Expression of ITGA3 may be correlated with breast cancer metastasis.

### Recommended Dilution

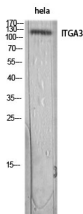
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

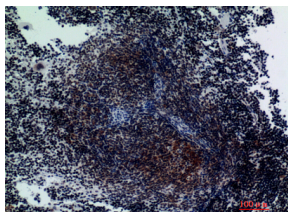
ELISA: 1: 10000

Not yet tested in other applications.

### Images



Western blot analysis of heLa lysis using ITGA3 antibody. Antibody was diluted at 1:500. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded mouse-spleen, antibody was diluted at 1:200

## Storage

-20°C for one year

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