

Anti-Phospho-Integrin alpha (S1027) ITGA4 Antibody

Catalog Number: A00468S1027

About ITGA4

This antibody is suitable for Cancer, Immunology and Nuclear Signaling research. Fibroblast Activation Protein (FAP) is expressed in the stroma of sites that are undergoing wound healing. In addition, it has recently been reported that FAP is expressed in the stroma of sites of metastatic disease. Inhibition of FAP may lead to a dramatic decrease in the number of metastatic osteosarcoma lung nodules. FAP exists as an inactive monomer and when activated forms homodimers or heterodimers with DPP4. Multiple isoforms of FAP are reported as alternative splicing products from a common gene.

Overview

Product Name	Anti-Phospho-Integrin alpha (S1027) ITGA4 Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-Phospho-Integrin alpha (S1027) ITGA4 Antibody catalog # A00468S1027. Tested in ELISA, IF, IHC applications. This antibody reacts with Human, Mouse.
Application	ELISA, IF, IHC
Clonality	Polyclonal
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P13612

Technical Details

Immunogen	Synthesized peptide derived from human Integrin alpha4 around the phosphorylation site of S1027.
Predicted Reactive Species	Canine, Monkey
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.
Some PubMed article(s) citing the expression level of this target are as follows:
Boster Bio's internal QC testing used:
IHC 1:100-1:300
IF 1:200-1:1000
ELISA 1:5000

Anti-Phospho-Integrin alpha (S1027) ITGA4 Antibody (A00468S1027) Images

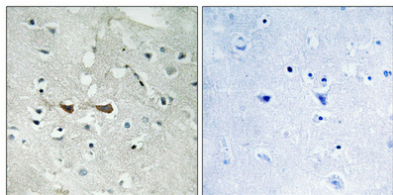


Figure 1. Immunohistochemistry validation of ITGA4 using Anti-Phospho-Integrin alpha (S1027) ITGA4 Antibody (A00468S1027).

Immunohistochemical analysis of paraffin-embedded Human brain. Antibody was diluted at 1:100 (4°C

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