

Cleaved-Integrin Alpha5 LC (E895) Polyclonal Antibody

Description

| | |
|--------------------------------|---|
| Product type | Primary Antibody |
| Code | BT-AP01930 |
| Host | Rabbit |
| Isotype | IgG |
| Size | 20ul, 50ul, 100ul |
| Immunogen | The antiserum was produced against synthesized peptide derived from human ITGA5. AA range:876-925 |
| Mol wt | 114536 |
| Species reactivity | Human |
| Clonality | Polyclonal |
| Recommended application | WB, ELISA |
| Concentration | 1 mg/ml |
| Full name | Cleaved-Integrin alpha5 LC (E895) Antibody |
| Synonyms | ITGA5; FNRA; Integrin alpha-5; CD49 antigen-like family member E; Fibronectin receptor subunit alpha; Integrin alpha-F; VLA-5; CD antigen CD49e |

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

Background

The product of ITGA5 belongs to the integrin alpha chain family. Integrins are heterodimeric integral membrane proteins composed of an alpha subunit and a beta subunit that function in cell surface adhesion and signaling. The encoded preproprotein is proteolytically processed to generate light and heavy chains that comprise the alpha 5 subunit. This subunit associates with the beta 1 subunit to form a fibronectin receptor. This integrin may promote tumor invasion, and higher expression of ITGA5 may be correlated with shorter survival time in lung cancer patients. Note that the integrin alpha 5 and integrin alpha V subunits are encoded by distinct genes.

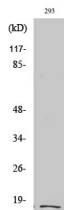
Recommended Dilution

WB: 1: 500 - 1: 2000

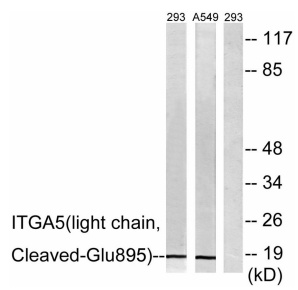
ELISA: 1: 20000

Not yet tested in other applications.

Images



Western Blot analysis of various cells using Cleaved-Integrin α 5 LC (E895) Polyclonal Antibody



Western blot analysis of lysates from 293 and A549 cells, treated with etoposide 25uM 1h, using ITGA5 (light chain, Cleaved-Glu895) Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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