

## ITGAE Rabbit Polyclonal Antibody

### Description

|                                |                                                                                                                                                                                                      |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product type</b>            | Primary Antibody                                                                                                                                                                                     |
| <b>Code</b>                    | BT-AP10703                                                                                                                                                                                           |
| <b>Host</b>                    | Rabbit                                                                                                                                                                                               |
| <b>Isotype</b>                 | IgG                                                                                                                                                                                                  |
| <b>Size</b>                    | 100ul, 50ul, 20ul                                                                                                                                                                                    |
| <b>Immunogen</b>               | Synthesized peptide derived from human ITGAE (light chain  Cleaved-Arg177)                                                                                                                           |
| <b>Mol wt</b>                  | 129690                                                                                                                                                                                               |
| <b>Species reactivity</b>      | Human, Rat, Mouse                                                                                                                                                                                    |
| <b>Clonality</b>               | Polyclonal                                                                                                                                                                                           |
| <b>Recommended application</b> | WB, ELISA                                                                                                                                                                                            |
| <b>Concentration</b>           | 1 mg/ml                                                                                                                                                                                              |
| <b>Full name</b>               | ITGAE                                                                                                                                                                                                |
| <b>Synonyms</b>                | ITGAE ;light chain; Cleaved-Arg177; Integrin alpha-E; HML-1 antigen; Integrin alpha-IEL; Mucosal lymphocyte 1 antigen; CD antigen CD103; Integrin alpha-E light chain; Integrin alpha-E heavy chain; |

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

### Background

Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This gene encodes an I-domain-containing alpha integrin that undergoes post-translational cleavage in the extracellular domain| yielding disulfide-linked heavy and light chains. In combination with the beta 7 integrin| this protein forms the E-cadherin binding integrin known as the human mucosal lymphocyte-1 antigen. This protein is preferentially expressed in human intestinal intraepithelial lymphocytes (IEL)| and in addition to a role in adhesion| it may serve as an accessory molecule for IEL activation.

### Recommended Dilution

WB: 1: 1000 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

### Images

No images.

### Storage

-20°C for 1 year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: [save@bt-laboratory.com](mailto:save@bt-laboratory.com) | [www.bt-laboratory.com](http://www.bt-laboratory.com)