

## Anti-ITGB2 antibody

<b>Cat. No.</b>	ml222553
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

**Description** Anti-ITGB2 rabbit polyclonal antibody

**Applications** ELISA, WB, IHC

**Immunogen** Fusion protein of human ITGB2

**Reactivity** Human, Mouse

**Content** 0.3 mg/ml

**Host species** Rabbit

**Ig class** Immunogen-specific rabbit IgG

**Purification** Antigen affinity purification

### Target information

**Symbol** ITGB2

**Full name** integrin, beta 2 (complement component 3 receptor 3 and 4 subunit)

**Synonyms** LAD; CD18; MF17; MF17; LCAMB; LFA-1; MAC-1

**Swissprot** P05107

### **Target Background**

The product of this gene belongs to the integrin beta chain family of proteins. Integrins are integral cell-surface proteins composed of an alpha chain and a beta chain. This gene encodes the integrin beta chain beta 2. A given chain may combine with multiple partners resulting in different integrins. For example, beta 2 combines with the alpha L chain to form the integrin LFA-1, and combines with the alpha M chain to form the integrin Mac-1. Integrins are known to participate in cell adhesion as well as cell-surface mediated signalling. Defects in this gene are the cause of leukocyte adhesion deficiency type I (LAD1). Two transcript variants encoding the same protein have been identified for this gene.

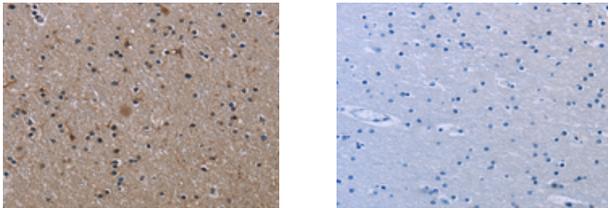
## Applications

### Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human brain

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using ml222553(ITGB2 Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification:  $\times 200$ )

### Western blotting

Predicted band size: 85 kDa

Positive control: 293T and K562 cells

Recommended dilution: 500-2000

订购热线: 4008-898-798

Gel: 6%SDS-PAGE

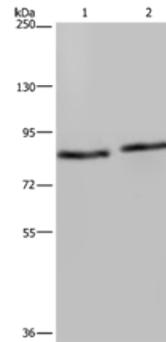
Lysate: 40  $\mu$ g

Lane 1-2: 293T cells, K562 cells

Primary antibody: ml222553(ITGB2 Antibody) at dilution 1/600

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 3 minutes



## ELISA

Recommended dilution: 2000-5000

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